

CAMBION[®]

WEARNES
Enabling Solutions



Electro-mechanical & Inductive Components

Introduction

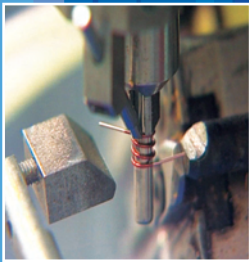


HQ Singapore

Cambion® - The story so far

The Cambridge Thermionic Corporation was founded in the 1930's in Cambridge, Massachusetts USA. The name Cambion® being derived from the first four and last three letters of that name.

The company quickly established a reputation in the USA as a quality supplier of small electro-mechanical and electronic components for the military and professional electronics markets.



In 1961 a parallel manufacturing facility was established in Castleton, Derbyshire, England to service an ever-expanding global market.

During the 1980's ownership changes gave rise to various name iterations such as Midland Ross, IPI Limited & Hollingsworth.

In 1991 the Singaporean multi national Wearnes Corporation acquired the organisation to support its objectives for a greater Global presence.

Cambion® - world-class manufacturing

As the history shows Wearnes Cambion have a long and established pedigree for high performance electro-mechanical and inductive components serving the professional, automotive, military, aerospace and industrial markets. Wearnes Cambion are committed to ongoing product development, products are constantly reviewed and updated for strategic fit to meet the ever changing marketplace.



Continual Investment, especially in the latest machinery, has resulted in substantial manufacturing and assembly capabilities to cover a broad and comprehensive range of disciplines and technologies. The unbeatable combination of modern materials and processes carried out by highly skilled

operatives ensure the highest possible quality is achieved. Wearnes Cambion brings together extensive experience and knowledge to offer a full design and prototype service. Engineers are able to provide a solution to a customer's individual requirements where standard components may not be suitable. Wearnes Cambion can also offer access to low cost manufacture via the Wearnes facilities in mainland China and Malaysia.

Wearnes Cambion is a full-accredited ISO9000:2000 facility, in addition Cambion has been awarded several service and system distinctions from its blue chip customer base.



Our Business

Wearnes, your total manufacturing solution partner

Wearnes Cambion works closely with its associated group facilities in the Far East, supporting the Electronics market with an array of services and products, ranging from precision electronic components and assemblies, PCBA, Die Casting, to full turnkey box build devices.

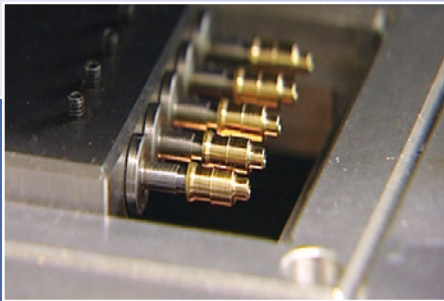
Wearnes Electronics Shenyang facilities and Wearnes Electronics (Malaysia) are dedicated to providing OEM, ODM and EMS services for industry. Products and services include: inductive components, electronic connectors and assemblies, miniature switches, anti-theft devices sensors, PCBA, full box build and many more. With a dedicated precision moulding and stamping capability along with an R & D centre, it is capable of supporting small to large projects. In addition to ISO9001, accreditation has been gained with ISO14001, OHSAS18001 and TS16969.

Wearnes Precision (Shenyang) is a leading precision engineering provider, specialising in aluminium die-casting, extrusion and CNC machining. In-house tool shop facility allows the fabrication production tooling and maintenance, thus streamlining production expenses and minimising customer response times.

Active in all electronic markets, but particularly strong in the automotive sector. In addition to ISO9001, it is also accredited with ISO14001, OHSAS18001 and TS16969.



Shenyang facility



Our vision helps us focus

Mission - We strive to be a world class company in our core businesses, empower our staff to excel, ensure best customer satisfaction, maintain high standards of corporate governance and fulfil our role as a responsible corporate citizen.

Vision - To be a global company which embraces innovation, exceptional business practices and values

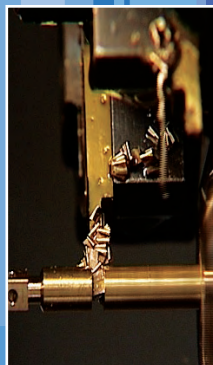
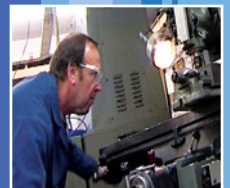
Values

Upholding Integrity - Integrity guides our interactions with shareholders, customers, the community and stakeholders

Championing Innovation - Innovation is key to our future growth and development

Fostering Teamwork - Teamwork enables us to achieve results based on a common identity, vision and purpose

Ensuring Excellence - Excellence eliminates mediocrity and constantly drives us to do better



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Wearnes Cambion Limited reserves the right to change specifications without prior notice on any products detailed in this catalogue, so long as the functionality is not affected.

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- 45 MOULDED DAP, SINGLE TURRET
- 46 MOULDED DAP, TWIN TURRET
- 47 MOULDED DAP, SLOTTED
- 48 TURRET
- 52 FLARED - SWAGE MOUNT
- 53 TURRET, THROUGH HOLE
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- 55 SWAGED - FEEDTHROUGH
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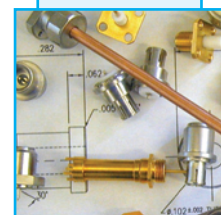
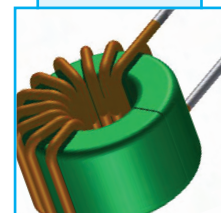
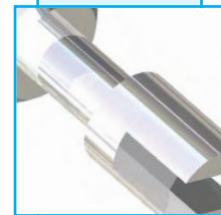
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PART NUMBER STRUCTURE

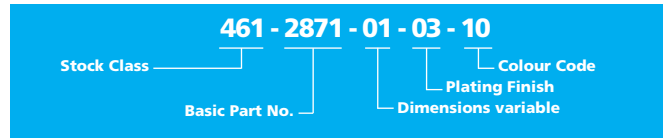
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Dimensions

Dimensions in this catalogue are given firstly in inches with metric equivalents in millimetres in brackets. For example: - .040 (1,02).

Part Numbering System

All standard Cambion part numbers consist of 13 digits as shown here. Always quote the full Cambion part number when ordering. A full explanation of individual part numbers appears on the individual product pages of this catalogue.



See below for details of stock class, dimensional variable, plating and colour codes

Cambion Stock Class Codes

120 Solder terminal pin type	450 Single pole sockets	558 Variable coils shielded
140 Solder terminal slotted	460 Connector pins	570 Insulated terminals
160 Solder terminal - turret	461 Connector plugs	571 Insulated terminals
180 Solder terminal - eyelet	506 Insulators	572 Insulated terminals
360 Plug components	550 Chokes moulded	
400 Battery holders	551 Chokes moulded	
410 Component clips	553 Chokes encapsulated	
435 Tooling	555 Inductors	
445 Patch cords	556 Variable coils unshielded	

Basic Part No - This group of four digits gives the specific part number allocated to the product.

Dimensional Variable - This group of two digits is used where a choice of a particular dimension is available. This is normally used where a pin, cage jack or solder terminal is offered with a variety of shank lengths to suit different board thickness (for example see 460-2970). This portion of the part number may also be used to indicate a choice of dimensions between pin centres of a shorting link (see 461-2871) or the length of a patch cord (see 445-3306). In the case of inductors or chokes this would determine the inductance value of the part (see 550-3399). Where only one option is available -01 is always used (see 450-3704).

Plating Finish - This group of two digits is used to define the plating of the product. You should refer to the catalogue page for actual plating specifications but in general the following codes are used.

Plating Code	Plating	Plating Code	Plating
-00	No plating	-06	Gold/tin
-01	Silver	-07	Cadmium
-02	Nickel	-08	Bright alloy
-03	Gold	-09	Hot solder dip
-04	Electro-tin	-10	Hot tin dip
-05	Electro Solder		

Note also that in the case of standard chokes, these two digits indicate inductance tolerance

Dash Number	Tolerance
01	± 5%
02	±10%
03	±20%

Colour Code - The final group of two digits indicates the colour of the product. It is used where some portion of the product, normally an insulator, is made of a plastic material. See 450-4352 as an example.

Dash Number	Colour	Dash Number	Colour
-00	No colour	-15	Green
-10	Black	-16	Blue
-11	Brown	-17	Violet
-12	Red	-18	Grey
-13	Orange	-19	White
-14	Yellow	-20	Natural

SECTION 01 - SINGLE POLE SOCKETS



SOLDER MOUNT

PRESS MOUNT

SOLDER MOUNT, .084-.102 PIN DIA (2.13-2.59)

SOLDER MOUNT - GUIDED ENTRY

SWAGE MOUNT

STACKABLE

SURFACE MOUNT

PATCHCORD CRIMP

PCB MOUNT SOLDER

SNAP ON COLOUR CODE INSULATOR

SOLDER MOUNT MOULDED GUIDED ENTRY

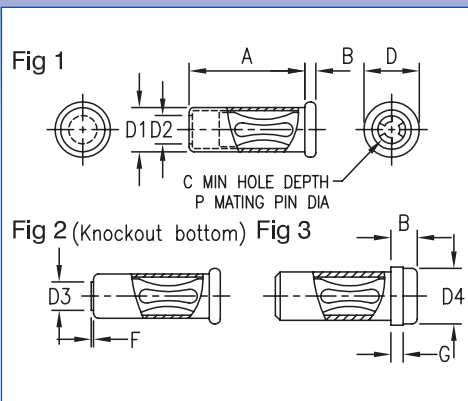
INSULATED - THREAD MOUNT

INSULATED - PRESS MOUNT

section 01

SINGLE POLE SOCKETS - SOLDER MOUNT

Dimensions in inches (mm)



How to order code

450 - XXXX - XX - XX - 00

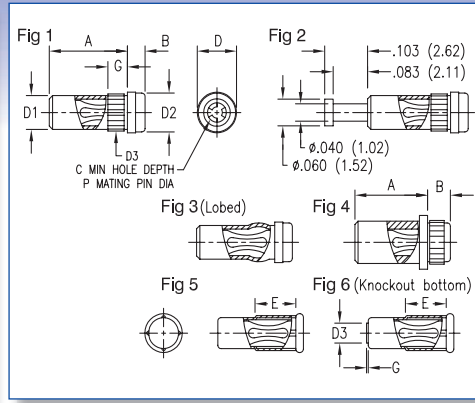
Basic Part No. | Finish

Material Code Table		
Component	Material	RoHS
Body	Brass	✓
	Copper*	✓
Spring	Beryllium Copper (Heat Treated)	✓

Finish Code Table			
Dash No.	Body Finish	Spring Finish	RoHS
-03	Gold over Nickel	Gold over Nickel	✓
-04	Electro-Tin	Electro-Tin	✓
-06	Electro-Tin	Gold over Nickel	✓

Fig.	Basic Part No.	P	A	B	C	D	D1	D2	D4	G	Mtg. Hole Diameter
1	450-2598 -01	.019 (0.48)	.208 (5.28)	.032 (0.81)	-	.063 (1.60)	.049 (1.24)	.026 (0.66)	-	-	.052 (1.32)
	450-3268 -01	.019 (0.48)	.208 (5.28)	.032 (0.81)	.215 (5.46)	.063 (1.60)	.049 (1.24)	-	-	-	.052 (1.32)
	450-3772 -01*	.019 (0.48)	.212 (5.38)	.015 (0.38)	.207 (5.26)	.060 (1.52)	.049 (1.24)	-	-	-	.052 (1.32)
	-02*	.019 (0.48)	.208 (5.28)	.015 (0.38)	-	.060 (1.52)	.049 (1.24)	.030 (0.76)	-	-	.052 (1.32)
	450-3703 -01*	.025 (0.64)	.142 (3.61)	.020 (0.51)	.141 (3.58)	.074 (1.88)	.053 (1.35)	-	-	-	.055 (1.40)
	450-3718 -01*	.031 (0.79)	.188 (4.78)	.018 (0.46)	.190 (4.83)	.090 (2.29)	.073 (1.85)	-	-	-	.076 (1.93)
	450-7004 -01	.031 (0.79)	.235 (5.97)	.030 (0.76)	.182 (4.62)	.091 (2.31)	.068 (1.73)	-	-	-	.073 (1.85)
	450-3704 -01*	.040 (1.02)	.188 (4.78)	.018 (0.46)	.190 (4.83)	.090 (2.29)	.073 (1.85)	-	-	-	.076 (1.93)
	450-3722 -01	.050 (1.27)	.195 (4.95)	.018 (0.46)	.200 (5.08)	.120 (3.05)	.098 (2.49)	-	-	-	.102 (2.59)
	450-1813 -01	.061 (1.55)	.195 (4.95)	.018 (0.46)	-	.120 (3.05)	.098 (2.49)	.071 (1.80)	-	-	.102 (2.59)
	450-3326 -01	.061 (1.55)	.195 (4.95)	.018 (0.46)	.200 (5.08)	.120 (3.05)	.098 (2.49)	-	-	-	.102 (2.59)
	450-1812 -01	.065 (1.65)	.195 (4.95)	.018 (0.46)	-	.120 (3.05)	.098 (2.49)	.071 (1.80)	-	-	.102 (2.59)
	450-3708 -01	.080 (2.03)	.350 (8.89)	.020 (0.51)	.360 (9.14)	.143 (3.63)	.114 (2.90)	-	-	-	.116 (2.95)
2	450-3716 -01*	.040 (1.02)	.190 (4.83)	.018 (0.46)	.190 (4.83)	.090 (2.29)	.073 (1.85)	.046 (1.17)	-	.013 (0.33)	.076 (1.93)
3	450-3230 -01	.025 (0.64)	.112 (2.84)	.080 (2.03)	.150 (3.81)	.080 (2.03)	.058 (1.47)	-	.073 (1.85)	.030 (0.76)	.062 (1.57)
	450-3293 -01	.025 (0.64)	.102 (2.59)	.080 (2.03)	-	.080 (2.03)	.058 (1.47)	.046 (1.17)	.073 (1.85)	.030 (0.76)	.062 (1.57)
	450-3286 -01	.040 (1.02)	.200 (5.08)	.036 (0.91)	-	.125 (3.18)	.085 (2.16)	.062 (1.57)	.092 (2.34)	.020 (0.51)	.089 (2.26)
	450-3366 -01	.040 (1.02)	.125 (3.18)	.192 (4.88)	.192 (4.88)	.125 (3.18)	.085 (2.16)	-	.091 (2.31)	.032 (0.81)	.089 (2.26)
	450-3388 -01	.040 (1.02)	.200 (5.08)	.036 (0.91)	.190 (4.83)	.125 (3.18)	.085 (2.16)	-	.092 (2.34)	.020 (0.51)	.089 (2.26)
	450-5301 -01	.040 (1.02)	.112 (2.85)	.108 (2.75)	.185 (4.70)	.102 (2.59)	.074 (1.88)	-	.092 (2.34)	.030 (0.76)	.076 (1.93)
	450-3256 -01	.080 (2.03)	.312 (7.92)	.100 (2.54)	-	.188 (4.78)	.142 (3.61)	.104 (2.64)	.143 (3.63)	.047 (1.19)	.144 (3.66)
	450-3398 -01	.080 (2.03)	.312 (7.92)	.100 (2.54)	.333 (8.46)	.188 (4.78)	.142 (3.61)	-	.143 (3.63)	.047 (1.19)	.144 (3.66)

SINGLE POLE SOCKETS - PRESS MOUNT



Dimensions in inches (mm)
See page 91 for recommended Anvil and Punch

How to order code

450 - XXXX - XX - XX - 00

Basic Part No.

Finish

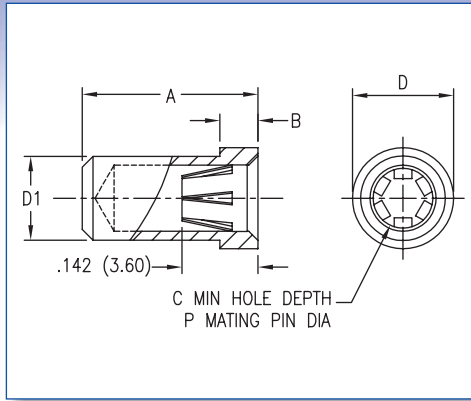
Material Code Table		
Component	Material	RoHS
Body	Brass	✓
	Copper*	✓
Spring	Beryllium Copper (Heat Treated)	✓

Finish Code Table			
Dash No.	Body Finish	Spring Finish	RoHS
-03	Gold over Nickel	Gold over Nickel	✓
-04	Electro-Tin	Electro-Tin	✓
-06	Electro-Tin	Gold over Nickel	✓

Fig.	Basic Part No.	P	A	B	C	D	D1	D2	D3	E	G	Board Thickness	Mtg. Hole Diameter
1	450-3720 -01	.031 (0.79)	.213 (5.41)	.037 (0.94)	.185 (4.70)	.110 (2.79)	.080 (2.03)	.092 (2.34)	.092 (2.34)	-	.070 (1.78)	.062 (1.57)	.089 (2.26)
	450-3954 -01	.040 (1.02)	.140 (3.56)	.080 (2.03)	.185 (4.70)	.102 (2.59)	.072 (1.83)	.092 (2.34)	.081 (2.06)	-	.052 (1.32)	-	.076 (1.93)
	450-3721 -01	.040 (1.02)	.213 (5.41)	.037 (0.94)	.185 (4.70)	.110 (2.79)	.080 (2.03)	.092 (2.34)	.092 (2.34)	-	.070 (1.78)	.062 (1.57)	.089 (2.26)
	450-5348 -01	.040 (1.02)	.090 (2.30)	.129 (3.29)	.185 (4.70)	.102 (2.59)	.072 (1.83)	.092 (2.34)	.081 (2.06)	-	.052 (1.32)	-	.076 (1.93)
2	450-3755 -01	.040 (1.02)	.200 (5.08)	.040 (1.02)	.185 (4.70)	.110 (2.79)	.082 (2.08)	.092 (2.34)	.092 (2.34)	-	.070 (1.78)	.062 (1.57)	.089 (2.26)
3	450-3752 -01	.040 (1.02)	.140 (3.56)	.080 (2.03)	.185 (4.70)	.102 (2.59)	.074 (1.88)	.092 (2.34)	-	-	-	-	.076 (1.93)
4	450-1801 -01	.040 (1.02)	.175 (4.45)	.055 (1.40)	.185 (4.70)	.125 (3.18)	.100 (2.54)	.092 (2.34)	.103 (2.62)	-	-	-	.099 (2.53)
5	450-1804 -01	.061 (1.55)	.195 (4.95)	.018 (0.46)	.200 (5.08)	.120 (3.05)	.098 (2.49)	-	-	.100 (2.54)	-	-	.102 (2.59)
	450-1806 -01	.080 (2.03)	.356 (9.04)	.015 (0.38)	.360 (9.14)	.143 (3.63)	.114 (2.90)	-	-	.150 (3.81)	-	-	.116 (2.95)
	450-3983 -01*	.025 (0.64)	.138 (3.51)	.020 (0.51)	.141 (3.58)	.074 (1.88)	.053 (1.35)	-	-	.080 (2.03)	-	-	.055 (1.40)
	450-3998 -01*	.031 (0.79)	.188 (4.78)	.018 (0.46)	.190 (4.83)	.090 (2.29)	.073 (1.85)	-	-	.100 (2.54)	-	-	.076 (1.93)
	450-3729 -01*	.040 (1.02)	.188 (4.78)	.018 (0.46)	.190 (4.83)	.090 (2.29)	.073 (1.85)	-	-	.100 (2.54)	-	-	.076 (1.93)
6	450-3723 -01*	.040 (1.02)	.188 (4.78)	.018 (0.46)	.190 (4.83)	.090 (2.29)	.073 (1.85)	-	.046 (1.17)	-	.005 (0.13)	-	.076 (1.93)

SINGLE POLE SOCKETS - SOLDER MOUNT, .084-.102 PIN DIA (2.13-2.59)

Dimensions in inches (mm)



How to order code

450 - 8059 - 01 - XX - 00

Basic Part No. | Socket Finish

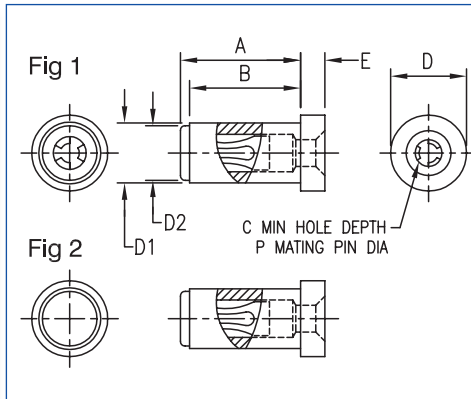
Material Code Table		
Component	Material	RoHS
Body	Brass	✓
Spring	Beryllium Copper (Heat Treated)	✓

Finish Code Table			
Dash No.	Body Finish	Spring Finish	RoHS
-03	Gold over Nickel	Gold over Nickel	✓
-06	Electro-Tin	Gold over Nickel	✓

Basic Part No.	A	B	D	D1	C	P	Mtg. Hole Diameter
450-8059 -01	.327 (8.30)	.071 (1.80)	.188 (4.78)	.156 (3.96)	.268 (6.80)	.084-.102 (2.13-2.59)	.160 (4.06)

SINGLE POLE SOCKETS - SOLDER MOUNT, GUIDED ENTRY

Dimensions in inches (mm)



How to order code

450 - 37XX -01 - XX - 00

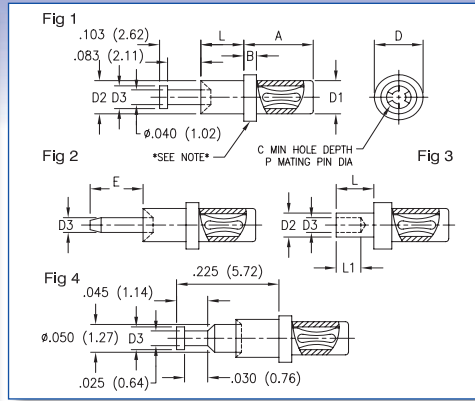
Basic Part No. | Finish

Material Code Table		
Component	Material	RoHS
Body	Brass	✓
Spring	Beryllium Copper (Heat Treated)	✓

Finish Code Table			
Dash No.	Body Finish	Spring Finish	RoHS
-03	Gold over Nickel	Gold over Nickel	✓
-04	Electro-Tin	Electro-Tin	✓
-06	Electro-Tin	Gold over Nickel	✓

Fig.	Basic Part No.	P	A	B	D	D1	D2	C	E	Mtg. Hole Diameter
1	450-3760 -01	.040 (1.02)	.193 (4.90)	.182 (4.62)	.125 (3.18)	.100 (2.54)	.092 (2.34)	-	.040 (1.02)	.104 (2.64)
2	450-3783 -01	.040 (1.02)	.198 (5.03)	.182 (4.62)	.125 (3.18)	.100 (2.54)	.092 (2.34)	.210 (5.33)	.040 (1.02)	.104 (2.64)

SINGLE POLE SOCKETS - SWAGE MOUNT



Dimensions in inches (mm)
See page 91 for recommended Anvil and Punch

How to order code

450 - XXXX - XX - XX - 00

Basic Part No. Finish

Component	Material	RoHS
Body	Brass	✓
Spring	Beryllium Copper (Heat Treated)	✓

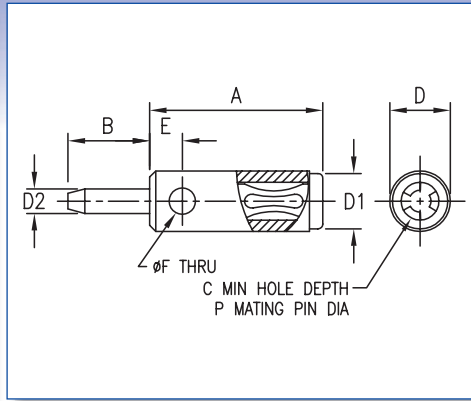
Dash No.	Body Finish	Spring Finish	RoHS
-03	Gold over Nickel	Gold over Nickel	✓
-04	Electro-Tin	Electro-Tin	✓
-06	Electro-Tin	Gold over Nickel	✓

Fig.	Basic Part No.	L	Board Thickness	P	A	B	C	D	D1	D2	D3	E	L1	Mtg. Hole Diameter
1	450-3375 -02	.094 (2.39)	.062 (1.57)	.025 (0.64)	.106 (2.69)	.062 (1.57)	.141 (3.58)	.125 (3.18)	.077 (1.96)	.093 (2.36)	.062 (1.57)	-	-	.094 (2.39)
	-03	.125 (3.18)	.094 (2.39)		.075 (1.91)	.031 (0.79)								
	-04	.156 (3.96)	.125 (3.18)											
	-05	.219 (5.56)	.188 (4.76)											
	450-7005 -01*	.062 (1.57)	.031 (0.79)	.031 (0.79)	.193 (4.90)	.032 (0.81)	.183 (4.65)	.125 (3.18)	.092 (2.34)	.093 (2.36)	.066 (1.68)	-	-	.094 (2.39)
	-02*	.094 (2.39)	.062 (1.57)											
	-03*	.125 (3.18)	.094 (2.39)											
	-04*	.156 (3.96)	.125 (3.18)											
	-05*	.219 (5.56)	.188 (4.76)											
	450-3320 -01	.062 (1.57)	.031 (0.79)	.040 (1.02)	.193 (4.90)	.032 (0.81)	.190 (4.83)	.125 (3.18)	.092 (2.34)	.093 (2.36)	.066 (1.68)	-	-	.094 (2.39)
	-02	.094 (2.39)	.062 (1.57)											
	-03	.125 (3.18)	.094 (2.39)											
	-04	.156 (3.96)	.125 (3.18)											
	-05	.219 (5.56)	.188 (4.76)											
	450-3324 -01	.058 (1.47)	.031 (0.79)	.061 (1.55)	.230 (5.84)	.050 (1.27)	.204 (5.18)	.188 (4.78)	.124 (3.15)	.141 (3.58)	.066 (1.68)	-	-	.144 (3.66)
	-02	.089 (2.26)	.062 (1.57)											
-03	.120 (3.05)	.094 (2.39)												
-04	.151 (3.84)	.125 (3.18)												
450-3754 -01	.062 (1.57)	.031 (0.79)	.080 (2.03)	.440 (11.18)	-	.375 (9.53)	-	.144 (3.66)	.093 (2.36)	.066 (1.68)	-	-	.094 (2.39)	
-02	.094 (2.39)	.062 (1.57)												
-03	.125 (3.18)	.094 (2.39)												
-04	.156 (3.96)	.125 (3.18)												
2	450-3263 -01	.051 (1.30)	.031 (0.79)	.025 (0.64)	.180 (4.57)	.045 (1.14)	.144 (3.66)	.094 (2.39)	.074 (1.88)	.058 (1.47)	.025 (0.64)	.125 (3.18)	-	.062 (1.57)
	-02	.082 (2.08)	.062 (1.57)											
	-03	.113 (2.87)	.094 (2.39)											
	-04	.145 (3.68)	.125 (3.18)											
	450-3310 -01	.062 (1.57)	.031 (0.79)	.040 (1.02)	.190 (4.83)	.032 (0.81)	.190 (4.83)	.125 (3.18)	.094 (2.39)	.093 (2.36)	.040 (1.02)	.187 (4.75)	-	.094 (2.39)
	-02	.094 (2.39)	.062 (1.57)											
	-03	.125 (3.18)	.094 (2.39)											
	-04	.156 (3.96)	.125 (3.18)											
3	450-3394 -01	.062 (1.57)	.031 (0.79)	.025 (0.64)	.190 (4.88)	.045 (1.14)	.144 (3.66)	.094 (2.39)	.074 (1.88)	.058 (1.47)	.040 (1.02)	-	.040 (1.02)	.062 (1.57)
	-02	.094 (2.39)	.062 (1.57)											
	-03	.125 (3.18)	.094 (2.39)											
	-04	.156 (3.96)	.125 (3.18)											
	450-3756 -01	.062 (1.57)	.031 (0.79)	.040 (1.02)	.230 (5.84)	.062 (1.57)	.180 (4.57)	.125 (3.18)	.091 (2.31)	.064 (1.63)	.040 (1.02)	-	.040 (1.02)	.067 (1.70)
	-02	.094 (2.39)	.062 (1.57)											
	-03	.125 (3.18)	.094 (2.39)											
	-04	.156 (3.96)	.125 (3.18)											
4	450-3266 -01	.041 (1.04)	.031 (0.79)	.019 (0.48)	.062 (1.57)	.025 (0.64)	.210 (5.33)	.094 (2.39)	.062 (1.57)	.072 (1.83)	.040 (1.02)	-	-	.076 (1.93)
	-02	.072 (1.83)	.062 (1.57)											
	-03	.104 (2.64)	.094 (2.39)											
	-04	.135 (3.43)	.125 (3.18)											

*Knurl is for part identification and to distinguish from similar socket, 450-3320 which is for .040 (1.02mm) diameter

SINGLE POLE SOCKETS - STACKABLE

Dimensions in inches (mm)



How to order code

450 - XXXX - 01 - 03 - XX

Basic Part No. | Insulator Colour | Socket Finish

Material Code Table		
Component	Material	RoHS
Body	Brass	✓
Spring	Beryllium Copper (Heat Treated)	✓
Insulation	Polyolefin Plastic	✓

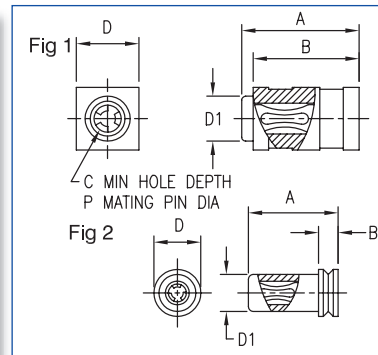
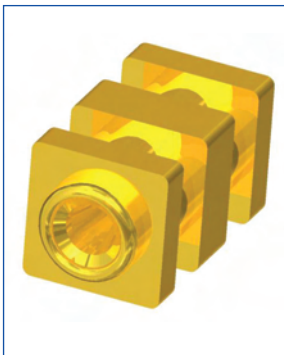
Finish Code Table			
Dash No.	Body Finish	Spring Finish	RoHS
-03	Gold over Nickel	Gold over Nickel	✓

Insulation Colour Code Table	
Dash No.	Colour
-00	None
-10	Black

Basic Part No.	A	B	P	C	D	D1	D2	E	F
450-3327 -01	.235 (5.97)	.125 (3.18)	.040 (1.02)	.190 (4.83)	.094 (2.39)	.090 (2.29)	.025 (0.64)	-	-
Also available with black polyolefin sleeve as 450-3289-01-03-10									
450-3278 -01	.425 (10.80)	.188 (4.78)	.080 (2.03)	.325 (8.26)	.156 (3.96)	.142 (3.61)	.040 (1.02)	-	-
Also available with black polyolefin sleeve as 450-3279-01-03-10									
450-3078 -01	.305 (7.75)	.125 (3.18)	.025 (0.64)	.144 (3.66)	.094 (2.39)	.074 (1.88)	.025 (0.64)	.053 (1.35)	.043 (1.09)
Also available with black polyolefin sleeve as 450-3390-01-03-10									
450-3302 -01	.323 (8.20)	.188 (4.78)	.040 (1.02)	.190 (4.83)	.094 (2.39)	.090 (2.29)	.040 (1.02)	.053 (1.35)	.043 (1.09)
Also available with black polyolefin sleeve as 450-3301-01-03-10									

SINGLE POLE SOCKETS - SURFACE MOUNT

Dimensions in inches (mm)



How to order code

450 - XXXX - 01 - XX - 00

Basic Part No. | Socket Finish

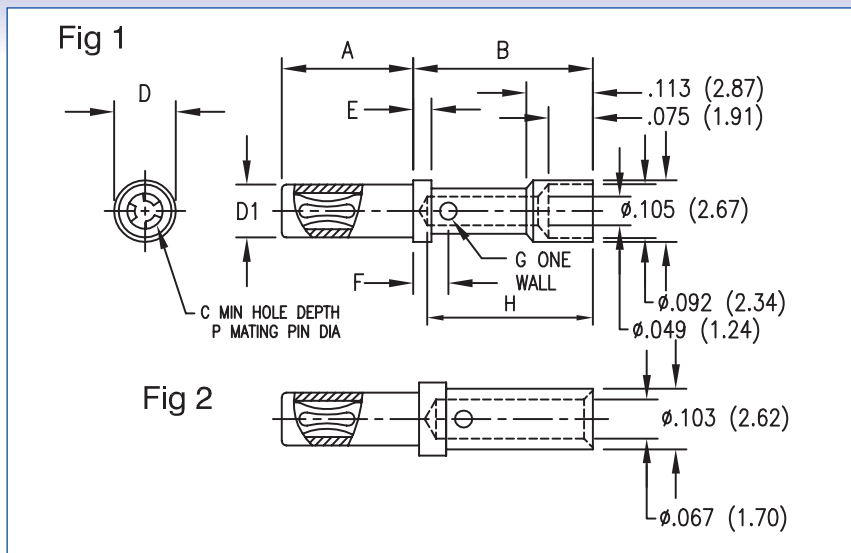
Material Code Table		
Component	Material	RoHS
Body	Brass	✓
Spring	Beryllium Copper (Heat Treated)	✓

Finish Code Table			
Dash No.	Body Finish	Spring Finish	RoHS
-03	Gold over Nickel	Gold over Nickel	✓
-06	Electro-Tin	Gold over Nickel	✓

Fig.	Basic Part No.	A	B	D	D1	C	P
1	450-8340 -01	.235 (5.97)	.212 (5.38)	.125 (3.18)	.090 (2.29)	.190 (4.83)	.040 (1.02)
2	450-8325 -01	.180 (4.57)	.040 (1.02)	.094 (2.39)	.074 (1.88)	.141 (3.58)	.025 (0.64)

SINGLE POLE SOCKETS - PATCHCORD CRIMP

Dimensions in inches (mm)
See page 91 for recommended Crimping Pliers



How to order code
450 - XXXX - 01 - XX - XX

Basic Part No. | Insulator Colour | Socket Finish

Material Code Table		
Component	Material	RoHS
Body	Brass	✓
Spring	Beryllium Copper (Heat Treated)	✓
Insulation	Polyolefin Plastic	✓

Finish Code Table			
Dash No.	Body Finish	Spring Finish	RoHS
-03	Gold over Nickel	Gold over Nickel	✓
-04	Electro-Tin	Electro-Tin	✓
-06	Electro-Tin	Gold over Nickel	✓

Insulation Colour Code Table	
Dash No.	Colour
-00	None
-10	Black

Fig.	Basic Part No.	P	A	B	C	D	D1	E	F	G	H
1	450-3367 -01	.040 (1.02)	.224 (5.69)	.306 (7.77)	.185 (4.70)	.105 (2.67)	.091 (2.29)	.031 (0.79)	.060 (1.52)	.029 (0.74)	.282 (7.16)
	Also available with black polyolefin sleeve as 450-3378-01-XX-10										
	450-1807 -01	.080 (2.03)	.420 (10.67)	.306 (7.77)	.375 (9.53)	.170 (4.32)	.143 (3.63)	.031 (0.79)	.060 (1.52)	.029 (0.74)	.282 (7.16)
2	450-0016 -01	.061 (1.55)	.234 (5.94)	.296 (7.52)	.190 (4.83)	.141 (3.58)	.119 (3.02)	.046 (1.17)	.076 (1.93)	.039 (0.99)	.267 (6.78)
	Also available with black polyolefin sleeve as 450-3413-01-XX-10										

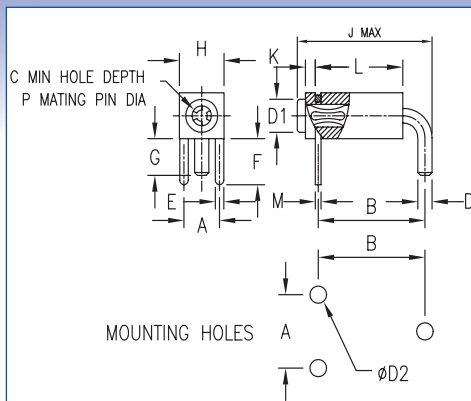
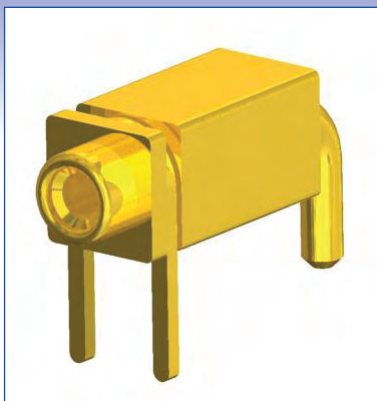
450-3367/450-3378/450-1807

Recommended hook-up wire size - #22AWG, 7 strands #30 AWG copper wire PTFE insulated
Sockets also accommodate #20 AWG, 7 strands #28 AWG copper wire
#24 AWG, 7 strands #32 AWG copper wire

450-0016/450-3413

Recommended hook-up wire size - #20 AWG, 7 strands #28 AWG copper wire PTFE insulated
Sockets also accommodate #18 AWG, 7 strands #26 AWG copper wire
#16 AWG, 19 strands #29 AWG copper wire

SINGLE POLE SOCKETS - PCB MOUNT SOLDER



Dimensions in inches (mm)

How to order code

450 - 3XXX - 01 - XX - 00

Basic Part No. | Finish

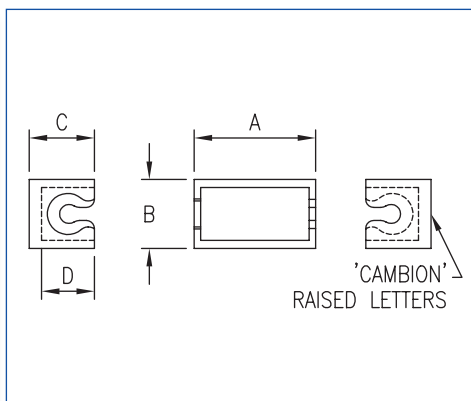
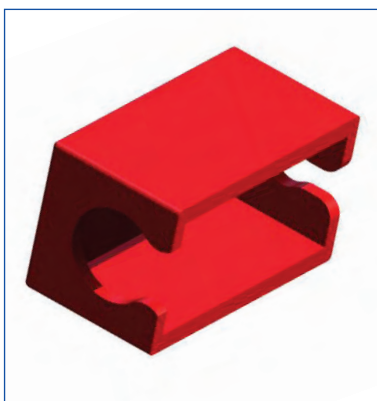
Material Code Table		
Component	Material	RoHS
Body	Brass	✓
Spring	Beryllium Copper (Heat Treated)	✓
Clip	Brass	✓

Finish Code Table				
Dash No.	Body Finish	Spring Finish	Clip	RoHS
-03	Gold over Nickel	Gold over Nickel	Gold over Nickel	✓
-04	Electro-Tin	Electro-Tin	Electro-Tin	✓
-06	Electro-Tin	Gold over Nickel	Electro-Tin	✓

Basic Part No.	P	A	B	C	D	D1	D2	E
450-3422 -01	.040 (1.02)	.100 (2.54)	.300 (7.62)	.211 (5.36)	.040 (1.02)	.092 (2.34)	.047 (1.19)	.024 (0.61)
450-3888 -01	.080 (2.03)	.200 (5.08)	.400 (10.16)	.325 (8.26)	.056 (1.42)	.142 (3.61)	.062 (1.57)	.046 (1.17)

Basic Part No.	F	G	H	J	K	L	M
450-3422 -01	.125 (3.18)	.100 (2.54)	.125 (3.18)	.416 (10.57)	.028 (0.71)	.229 (5.82)	.016 (0.41)
450-3888 -01	.218 (5.54)	.156 (3.96)	.188 (4.78)	.537 (13.64)	.038 (0.97)	.325 (8.26)	.020 (0.51)

SNAP ON COLOUR CODE INSULATOR



Dimensions in inches (mm)

How to order code

506 - 44XX - 01 - 00 - XX

Basic Part No. | Colour

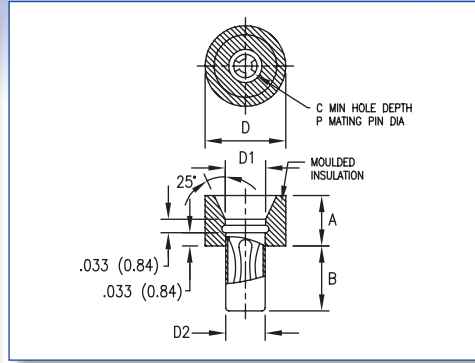
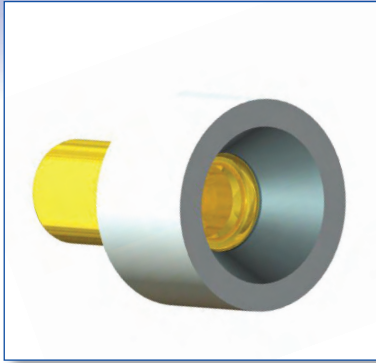
Material Code Table		
Component	Material	RoHS
Cover	Nylon	✓

Colour Code Table			
Dash No.	Colour	Dash No.	Colour
-10	Black	-15	Green
-11	Brown	-16	Blue
-12	Red	-17	Violet
-13	Orange	-18	Grey
-14	Yellow	-19	White

Basic Part No.	Used on Part	A	B	C	D
506-4422 -01	450-3422	.301 (7.65)	.172 (4.37)	.162 (4.11)	.131 (3.33)
506-4488 -01	450-3888	.415 (10.54)	.276 (7.01)	.268 (6.81)	.194 (4.93)

SINGLE POLE SOCKETS - SOLDER MOUNT - MOULDED GUIDED ENTRY

Dimensions in inches (mm)



How to order code
450 - 1826 - 01 - 03 - 20
 Basic Part No. | Insulator Colour | Socket Finish

Component		Material
Jack:	Body	Brass
	Spring	Beryllium Copper (Heat Treated)
Insulator		Nylon

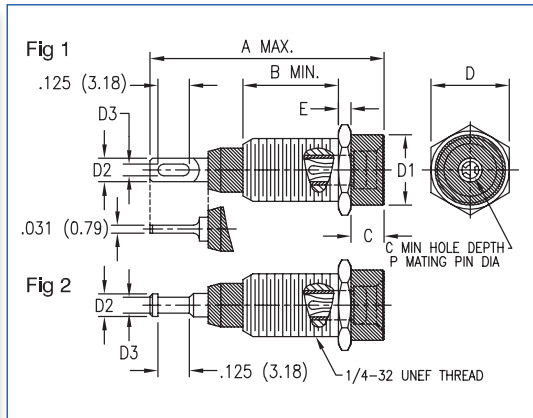
Finish Code Table			
Dash No.	Body Finish	Spring Finish	RoHS
-03	Gold over Nickel	Gold over Nickel	✓

Insulation Colour Code Table	
Dash No.	Colour
-20	Natural

Basic Part No.	P	A	B	D	D1	D2	C	Mtg. Hole Diameter
450-1826 -01	.061 (1.55)	.125 (3.18)	.162 (4.11)	.200 (5.08)	.093 (2.36)	.098 (2.49)	.250 (6.35)	.102 (2.59)

SINGLE POLE SOCKETS - INSULATED - THREAD MOUNT

Dimensions in inches (mm)



How to order code
450 - XXXX - 01 - 03 - XX
 Basic Part No. | Insulator Colour | Terminal Finish

Material Code Table		
Component	Material	RoHS
Insulator (450-3358 & 450-3381)	Nylon	✓
Insulator (450-3359 & 450-3382)	PTFE	✓
Metal Sleeve	Brass	✓
Socket Body	Brass	✓
Socket Spring	Beryllium Copper (Heat Treated)	✓
Mounting Hex Nut	Brass	✓
Internal Tooth Lockwasher	Phosphor Bronze	✓

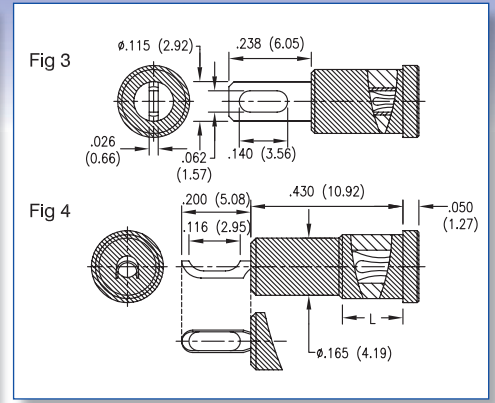
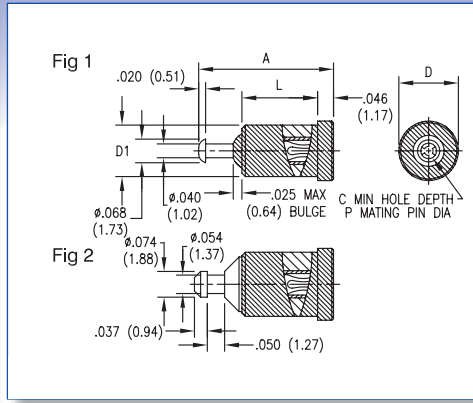
Finish Code Table							
Dash No.	Socket Body Finish	Socket Spring Finish	Metal Sleeve Finish	Mtg. Hex Nut Finish	Lockwasher Finish	RoHS	
-03	Gold over Nickel	Gold over Nickel	Nickel	Nickel	Nickel	✓	

Insulation Colour Code Table	
Dash No.	Colour
-10	Black
-12	Red*
-16	Blue
-19	White

Fig.	Basic Part No.	A	B	C	D	D1	D2	D3	E	C	P	Dielectric Withstand Voltage (rms)	Insulator
1	450-3358 -01	1.000 (25.4)	.375 (9.53)	.131 (3.33)	.312 (7.92)	.281 (7.14)	.093 (2.36)	.047 (1.19)	.050 (1.27)	.540 (13.72)	.080 (2.03)	3000	Nylon
	450-3359 -01	1.000 (25.4)	.375 (9.53)	.131 (3.33)	.312 (7.92)	.281 (7.14)	.093 (2.36)	.047 (1.19)	.050 (1.27)	.540 (13.72)	.080 (2.03)	3000	PTFE
2	450-3381 -01	1.000 (25.4)	.375 (9.53)	.131 (3.33)	.312 (7.92)	.281 (7.14)	.090 (2.29)	.062 (1.57)	.050 (1.27)	.540 (13.72)	.080 (2.03)	3000	Nylon
	450-3382 -01	1.000 (25.4)	.375 (9.53)	.131 (3.33)	.312 (7.92)	.281 (7.14)	.090 (2.29)	.062 (1.57)	.050 (1.27)	.540 (13.72)	.080 (2.03)	3000	PTFE

Mounting Hardware supplied un-assembled. *Red PTFE is NOT RoHS compliant

SINGLE POLE SOCKETS - INSULATED, PRESS MOUNT



How to order code

450 - XXXX - 01 - XX - XX

Basic Part No. | Insulator Colour | Socket Finish

Dimensions in inches (mm)
See page 89 for Mounting Instructions

Material Code Table		
Component	Material	RoHS
Insulator	PTFE	✓*
Socket Body	Brass	✓
Socket Spring	Beryllium Copper (Heat Treated)	✓

Finish Code Table			
Dash No.	Body Finish	Spring Finish	RoHS
-03	Gold over Nickel	Gold over Nickel	✓
-04	Electro-Tin	Electro-Tin	✓
-06	Electro-Tin	Gold over Nickel	✓

Insulation Colour Code Table	
Dash No.	Colour
-10	Black
-12	Red*
-19	White

Fig.	Basic Part No.	A	For Panel Thickness	C	D	D1	L	P	Flashover at Sea Level (Vrms)	Capacitance (pf)	Mtg. Hole Diameter
1	450-4352 -01	.390 (9.91)	.031 (0.79) to .094 (2.39)	.190 (4.83)	.172 (4.37)	.149 (3.78)	.219 (5.56)	.040 (1.02)	2500	.7	.136 (3.45)
	450-4353 -01	.390 (9.91)	.031 (0.79) to .094 (2.39)	.190 (4.83)	.219 (5.56)	.185 (4.70)	.219 (5.56)	.040 (1.02)	2500	.6	.172 (4.37)
2	450-5237 -01	.413 (10.49)	.031 (0.79) to .094 (2.39)	.214 (5.44)	.219 (5.56)	.185 (4.70)	.242 (6.15)	.050 (1.27)	2500	.7	.172 (4.37)
	450-3374 -01	.453 (11.51)	.031 (0.79) to .230 (5.84)	.340 (8.64)	.219 (5.56)	.185 (4.70)	.270 (6.86)	.080 (2.03)	1800	.7	.172 (4.37)
3	450-4354 -01	.688 (17.48)	.031 (0.79) to .125 (3.18)	.332 (8.43)	.250 (6.35)	.216 (5.49)	.400 (10.16)	.080 (2.03)	2000	1.2	.203 (5.16)
4	450-4355 -01	.680 (17.27)	.031 (0.79) to .125 (3.18)	.350 (8.89)	.219 (5.56)	.185 (4.70)	.175 (4.45)	.080 (2.03)	2000	1.0	.172 (4.37)

*Red PTFE is NOT RoHS compliant

SINGLE POLE SOCKETS PERFORMANCE DATA

Single Pole Socket	Wire Size	Average		Max. Current Carrying Capacity* At 30°C = Δ T	Wire Rating @ 700CM per AMP	Δ T At Wire Rating	Actual Part Tested	
		Contact Resistance At 1°C = Δ T	Rated Current At 1°C = Δ T				Single Pole Socket Part No.	Plug Part No.
0.014(0,36)	28AWG	1.77mΩ	1.0 Amps	7.3 Amps	0.23 Amps	0.1° C	450-3750-01-03-00	
0.025(0,64)	24AWG	1.2mΩ	1.7 Amps	14.2 Amps	0.58 Amps	0.3° C	450-3703-01-03-00	460-3050-0-03-00
0.040(1,02)	20AWG	1.0mΩ	3.0 Amps	23.0 Amps	1.5 Amps	0.2° C	450-3704-01-03-00	460-3308-01-03-00
0.050(1,27)	18AWG	1.0mΩ	3.0 Amps	27.0 Amps	2.3 Amps	0.8° C	450-3722-01-03-00	
0.062(1,57)	16AWG	0.56mΩ	3.5 Amps	30.0 Amps	3.7 Amps	1.1° C	450-3326-01-03-00	460-3368-01-03-00
0.080(2,03)	14AWG	0.35mΩ	4.0 Amps	32.0 Amps	5.9 Amps	1.9° C	450-3708-01-03-00	460-3369-02-03-00

*wire gauge was increased to carry current for taking data

Current Rating and Current Carrying Capacity

When an electric current passes through a connector interface, resistance heat is generated. The first passage of current across a newly mated connector where there is a defined interface resistance causes a minute local temperature rise and extremely small metal-to-metal “welds” to take place across the interface; this phenomenon is expected and results in an uninterrupted metal path across the interlace. As the current increases, the size of these minute welds increases up to a point, but in Single Pole Sockets and other separate connectors, they are still small enough to break apart on separation without visible impairment of the plating. As the current is increased more, further heating takes place not just in the plated films but in the pin and spring metal themselves. The heating, if significant and of long duration, can cause metallurgical deterioration of the finishes. This usually manifests itself by darkening of the luster of the finishes and is explained by migration of the metal atoms between plating and subplating and chemical activity with oxygen and certain air pollutants through ever present minute pores in the exterior plating.

It is sufficient to say that connector reliability can be jeopardized by long-term excessive current.

Cooling the connector takes place in two ways: by conducting the heat away via the electrical conductors and by conducting heat to the connector and conductor surfaces where circulating air carries it away by convection. The rate of cooling is affected by the size of the housing and conductors and by how much air circulates around the connector. In conducting the current rating tests, a drawn cup jack was used since it is low in mass and heats up more than any machined body jack with a given current.

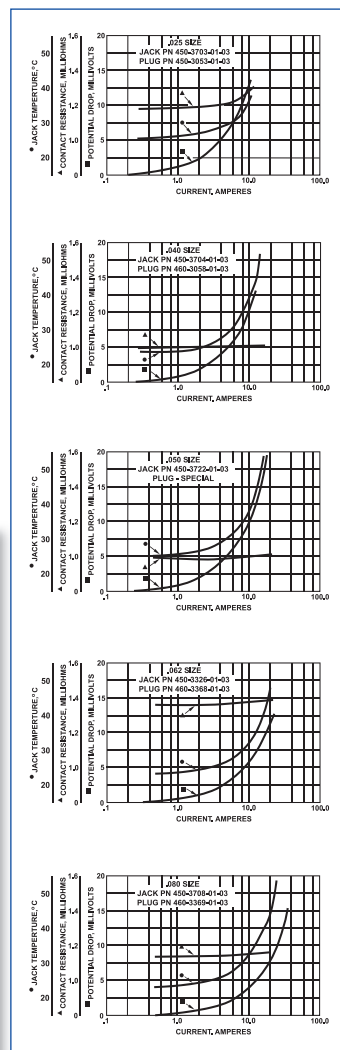
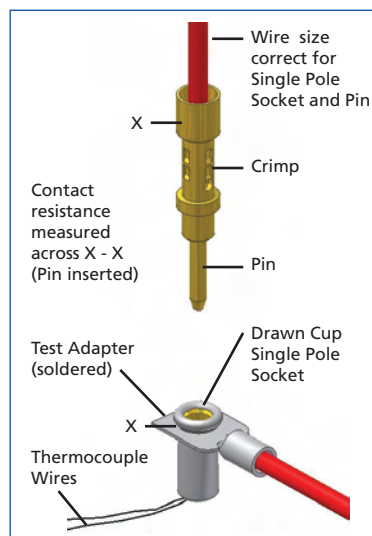
The current rating is determined at CAMBION by first matching the pin size to the conductor size as follows:

Up to .025 (0,64)	dia. 24 AWG
.030 (0,76)	20 AWG
.040(1,02)	20 AWG
.050(1,27)	16AWG
.062(1,57)	16 AWG
.080(2,03)	12 AWO
.094(2,39)	12 AWG

Current Rating is defined as the current which produces one degree Centigrade increase in temperature under these conditions. Contact Resistance is measured at this current.

Maximum Current Carrying Capacity is defined as that current which produces a temperature rise of 30°C when the test is continued above the current rating.

These measurements are made with the Single Pole Socket soldered to insulated wires rather than mounted in printed circuit boards. In this way, variables of the mounting board heat dissipation are eliminated.

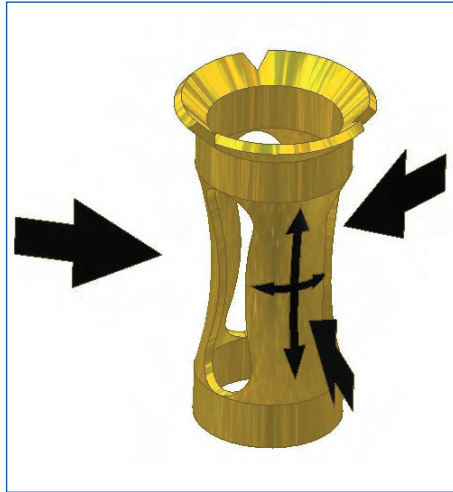


SINGLE POLE SOCKETS PERFORMANCE DATA

Cambion miniature pins and sockets are specifically designed for quick, tight, space-saving applications on printed circuits. All connectors are electrically and mechanically tested, carefully inspected for dimensional accuracy and, when necessary, subjected to severe environmental tests. Cambion pins and sockets are available from stock in a wide range of sizes, materials and finishes to meet virtually every requirement.

Sockets are closed entry cage type. The loose piece socket consists of two pieces - a flexible spring and a housing. The spring formed from beryllium copper is hardened and then plated. Housings may be drawn copper cups or machined from brass depending on application. The spring is securely captivated in the housing by staking. Most loose piece socket connectors are offered with three plating finishes - gold spring and housing, gold spring and electro tin housing or electro-tin spring and housing. Loose piece sockets are available in many styles and sizes to accommodate miniature pins and wires in the range .014 (0,36) to .093 (2,36) diameter. For repeated usage, Cambion recommends that pins to mate with loose piece sockets should be within $\pm .002$ (0,05) of nominal cage diameter.

CONTACT CONFIGURATIONS



SINGLE POLE SOCKET DESIGN FEATURES



Compound curvature spring

- Longitudinal and circumferential contact.
- Stamped, burr-free heat-treated beryllium copper spring/conductor.



3-point contact

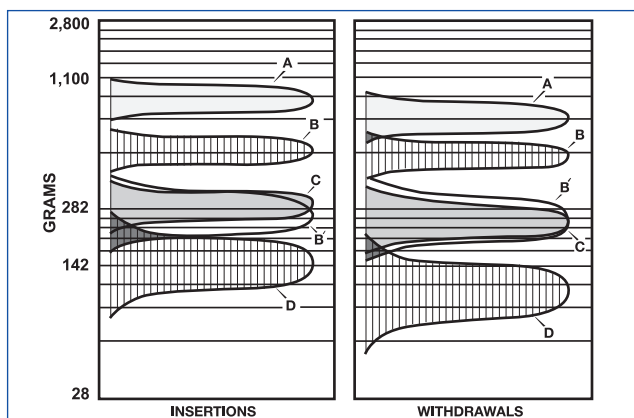
- 60% contact around mating pin.

Pins are precision engineered to be compatible with loose piece sockets and thereby provide positive and lasting electrical connections with low contact resistance. They are offered only gold plated, and pin diameters are held to $\pm .002$ (0,05).

Current carrying capacity and contact resistance for loose piece sockets mated with various pin diameters are shown in the following table

Single Pole Socket Pin Diameter	Average Contact Resistance (mΩ)	@ rated Current For 1°C ΔT (A)	Max. Current For 30°C ΔT (A)
.020"(0,51mm)	1.5	1.4	11.0
.025"(0,64mm)	1.2	1.7	14.2
.030"(0,76mm)	1.1	2.1	17.0
.040"(1,02mm)	1.0	3.0	23.0
.050"(1,27mm)	1.0	3.0	27.0
.062"(1,57mm)	0.56	3.5	30.0
.080"(2,03mm)	0.35	4.0	32.0

INSERTION / WITHDRAWAL FORCE DISTRIBUTION CURVES



- A : .080 (2,03) pin/.080 (2,03) socket
- B : .062 (1,57) pin/.060 (1,52) socket
- B' : .059 (1,50) pin/.060 (1,52) socket
- C : .040 (1,02) pin/.040 (1,02) socket
- D : .020 (0,51) pin/.020 (0,51) socket

Special requirements, for which there are no standard Cambion connectors, can be met with custom-designed pins and loose piece sockets.



STRAIGHT

SWAGE MOUNT & RIGHT ANGLE

THROUGH BOARD

EDGE MOUNT

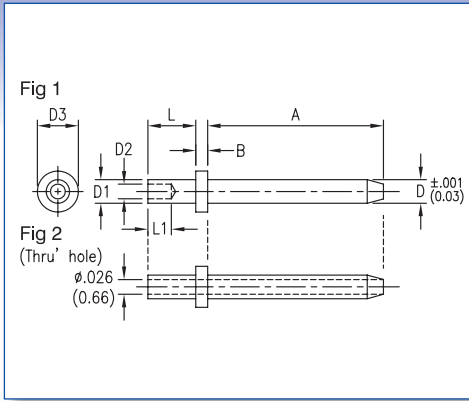
SOLDER MOUNT POLYGON

PATCHCORD CRIMP

section 02

CONNECTOR PINS - STRAIGHT

Dimensions in inches (mm)
See page 91/92 for recommended
Anvil and Punch



How to order code

460 - XXXX - XX - XX - 00

Basic Part No. | 'L' Length | Finish

Material Code Table		
Component	Material	RoHS
Pin	Brass	✓

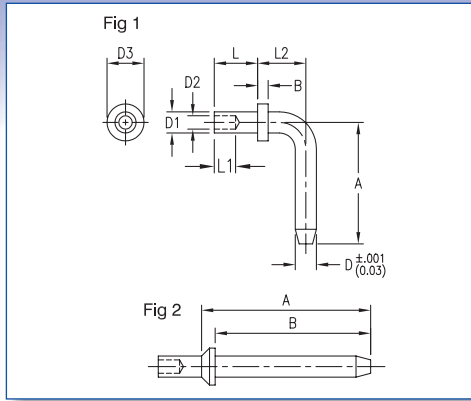
Finish Code Table		
Dash No.	Pin Finish	RoHS
-03	Gold over Nickel	✓
-04	Electro-Tin	✓

Fig.	Basic Part No.	'L' Length	Board Thickness	L1	A	B	D	D1	D2	D3	Mtg. Hole Diameter
1	460-2599 -01	.051(1.30)	.031(0.79)	.035(0.89)	.156(3.96)	.030(0.76)	.017(0.43)	.049(1.24)	.033(0.84)	.078(1.98)	.052(1.32)
	-02	.082(2.08)	.062(1.57)	.062(1.57)							
	-03	.113(2.87)	.094(2.39)								
	-04	.145(3.68)	.125(3.18)								
	460-5247 -01	.061(1.55)	.025(0.64)	-	.157(3.99)	.016(0.41)	.017(0.43)	.019(0.48)	-	.039(0.99)	.025(0.64)
	-02	.075(1.91)	.040(1.02)								
	460-2620 -01	.051(1.30)	.031(0.79)	.040(1.02)	.150(3.81)	.020(0.51)	.025(0.64)	.031(0.79)	.020(0.51)	.050(1.27)	.035(0.89)
	-02	.082(2.08)	.062(1.57)								
	460-2621 -01	.051(1.30)	.031(0.79)	.040(1.02)	.300(7.62)	.020(0.51)	.025(0.64)	.031(0.79)	.020(0.51)	.050(1.27)	.035(0.89)
	-02	.082(2.08)	.062(1.57)								
	460-2625 -01	.051(1.30)	.031(0.79)	.040(1.02)	.150(3.81)	.170(4.32)	.025(0.64)	.031(0.79)	.020(0.51)	.050(1.27)	.035(0.89)
	-02	.082(2.08)	.062(1.57)								
	460-2626 -01	.051(1.30)	.031(0.79)	.040(1.02)	.150(3.81)	.420(10.67)	.025(0.64)	.031(0.79)	.020(0.51)	.050(1.27)	.035(0.89)
	-02	.082(2.08)	.062(1.57)								
	460-3231 -01	.051(1.30)	.031(0.79)	.035(0.89)	.125(3.18)	.025(0.64)	.025(0.64)	.040(1.02)	.025(0.64)	.062(1.57)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-3393 -01	.062(1.57)	.031(0.79)	.040(1.02)	.125(3.18)	.030(0.76)	.025(0.64)	.058(1.47)	.040(1.02)	.078(1.98)	.062(1.57)
	-02	.094(2.39)	.062(1.57)								
	-03	.125(3.18)	.094(2.39)								
	-04	.156(3.96)	.125(3.18)								
	460-2983 -01	.051(1.30)	.031(0.79)	.040(1.02)	.300(7.62)	.020(0.51)	.031(0.79)	.040(1.02)	.025(0.64)	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
460-2984 -01	.051(1.30)	.031(0.79)	.040(1.02)	.150(3.81)	.020(0.51)	.031(0.79)	.040(1.02)	.025(0.64)	.070(1.78)	.043(1.09)	
-02	.082(2.08)	.062(1.57)									
-03	.113(2.87)	.094(2.39)									
460-2627 -01	.051(1.30)	.031(0.79)	.040(1.02)	.150(3.81)	.170(4.32)	.040(1.02)	.040(1.02)	.025(0.64)	.070(1.78)	.043(1.09)	
-02	.082(2.08)	.062(1.57)									
-03	.113(2.87)	.094(2.39)									
460-2628 -01	.051(1.30)	.031(0.79)	.040(1.02)	.150(3.81)	.420(10.67)	.040(1.02)	.040(1.02)	.025(0.64)	.070(1.78)	.043(1.09)	
-02	.082(2.08)	.062(1.57)									
-03	.113(2.87)	.094(2.39)									

CONNECTOR PINS - STRAIGHT

Fig.	Basic Part No.	'L' Length	Board Thickness	L1	A	B	D	D1	D2	D3	Mtg. Hole Diameter
1	460-2946 -01	.051(1.30)	.031(0.79)	.040(1.02)	.500(12.70)	.020(0.51)	.040(1.02)	.040(1.02)	.025(0.64)	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-2947 -01	.051(1.30)	.031(0.79)	.040(1.02)	.750(19.05)	.020(0.51)	.040(1.02)	.040(1.02)	.025(0.64)	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-2948 -01	.051(1.30)	.031(0.79)	.040(1.02)	1.000(25.40)	.020(0.51)	.040(1.02)	.040(1.02)	.025(0.64)	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-2970 -01	.051(1.30)	.031(0.79)	.040(1.02)	.300(7.62)	.020(0.51)	.040(1.02)	.040(1.02)	.025(0.64)	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-2971 -01	.051(1.30)	.031(0.79)	.040(1.02)	.150(3.81)	.020(0.51)	.040(1.02)	.040(1.02)	.025(0.64)	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-2976 -01	.051(1.30)	.031(0.79)	.040(1.02)	.188(4.78)	.020(0.51)	.040(1.02)	.040(1.02)	.025(0.64)	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-3220 -01	.062(1.57)	.031(0.79)	.040(1.02)	.188(4.78)	.020(0.51)	.045(1.14)	.060(1.52)	.042(1.07)	.094(2.39)	.064(1.63)
	-02	.094(2.39)	.062(1.57)								
	-03	.125(3.18)	.094(2.39)								
	-04	.155(3.94)	.125(3.18)								
	460-3342 -01	.053(1.35)	.031(0.79)	.050(1.27)	.188(4.78)	.025(0.64)	.062(1.57)	.062(1.57)	.043(1.09)	.094(2.39)	.067(1.70)
	-02	.084(2.13)	.062(1.57)								
-03	.115(2.92)	.094(2.39)									
460-1524 -01	.051(1.30)	.031(0.79)	.040(1.02)	.500(12.70)	.030(0.76)	.080(2.03)	.090(2.29)	.067(1.70)	.156(3.96)	.094(2.39)	
-02	.082(2.08)	.062(1.57)									
-03	.113(2.87)	.094(2.39)									
460-2629 -02	.094(2.39)	.062(1.57)	.062(1.57)	.375(9.53)	.025(0.64)	.080(2.03)	.090(2.29)	.064(1.63)	.125(3.18)	.094(2.39)	
-03	.125(3.18)	.094(2.39)									
-04	.156(3.96)	.125(3.18)									
2	460-2956 -01	.051(1.30)	.031(0.79)	-	.500(12.70)	.020(0.51)	.040(1.02)	.040(1.02)	-	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-2957 -01	.051(1.30)	.031(0.79)	-	.750(19.05)	.020(0.51)	.040(1.02)	.040(1.02)	-	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-2958 -01	.051(1.30)	.031(0.79)	-	1.000(25.40)	.020(0.51)	.040(1.02)	.040(1.02)	-	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-3232 -01	.051(1.30)	.031(0.79)	-	.300(7.62)	.020(0.51)	.040(1.02)	.040(1.02)	-	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-3233 -01	.051(1.30)	.031(0.79)	-	.150(3.81)	.020(0.51)	.040(1.02)	.040(1.02)	-	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-3241 -01	.051(1.30)	.031(0.79)	-	.100(2.54)	.020(0.51)	.040(1.02)	.040(1.02)	-	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								

CONNECTOR PINS - SWAGE MOUNT & RIGHT ANGLE



Dimensions in inches (mm)
See page 91/92 for recommended
Anvil and Punch

How to order code
460 - XXXX - XX - XX - 00

Basic Part No. | Finish

Material Code Table		
Component	Material	RoHS
Pin	Brass	✓

Finish Code Table		
Dash No.	Pin Finish	RoHS
-03	Gold over Nickel	✓
-04	Electro-Tin	✓
-05	Electro-Solder	X

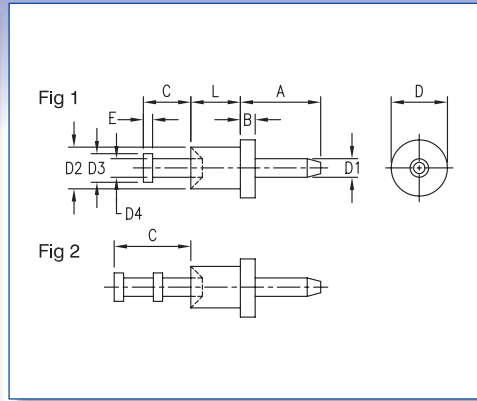
Fig.	Basic Part No.	L	Board Thickness	L1	L2	A	B	D	D1	D2	D3	Mtg. Hole Diameter
1	460-1521 -01	.051 (1.30)	.031 (0.79)	.040 (1.02)	.080 (2.03)	.257 (6.53)	.020 (0.51)	.040 (1.02)	.040 (1.02)	.025 (0.64)	.070 (1.78)	.043 (1.09)
	-02	.082 (2.08)	.061 (1.57)									
	-03	.113 (2.87)	.094 (2.39)									
	460-1523 -01	.051 (1.30)	.031 (0.79)	.040 (1.02)	.200 (5.08)	.370 (9.40)	.170 (4.32)	.080 (2.03)	.090 (2.29)	.067 (1.70)	.156 (3.96)	.094 (2.39)
	-02	.082 (2.08)	.061 (1.57)									
	-03	.113 (2.87)	.094 (2.39)									
2	460-3889 -01	.047 (1.19)	.031 (0.79)	.031 (0.79)	-	.213 (5.41)	.188 (4.78)	.025 (0.64)	.030 (0.76)	.020 (0.51)	.062 (1.57)	.033 (0.84)
	460-3221 -01	.062 (1.57)	.031 (0.79)	.040 (1.02)	-	.240 (6.10)	.188 (4.78)	.045 (1.14)	.060 (1.52)	.042 (1.07)	.125 (3.18)	.064 (1.63)
	-02	.094 (2.39)	.061 (1.57)									
	-03	.125 (3.18)	.094 (2.39)									
	-04	.156 (3.96)	.125 (3.18)									

Electro-Mechanical Custom Design

Cambion are able to assist with Electro-Mechanical component design, either hybrid versions of standard products or to an application specific requirement, supported with fast turnaround of prototypes via its UK manufacturing activity. Additionally Cambion can offer full project management of connector and cable harness developments.



CONNECTOR PINS - THROUGH BOARD



Dimensions in inches (mm)
See page 92 for recommended Anvil and Punch

How to order code

460 - XXXX - XX - XX - 00

Basic Part No.

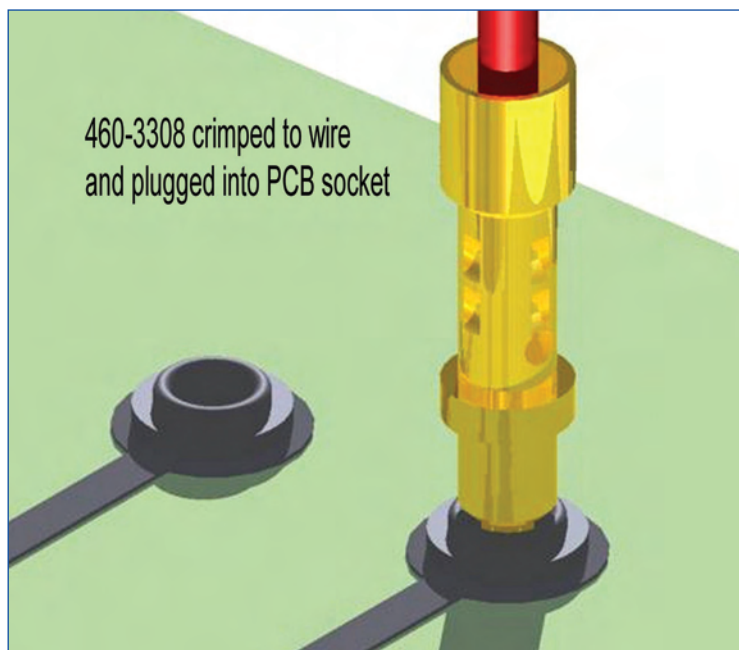
Finish

Material Code Table		
Component	Material	RoHS
Pin	Brass	✓

Finish Code Table		
Dash No.	Pin Finish	RoHS
-03	Gold over Nickel	✓
-04	Electro-Tin	✓

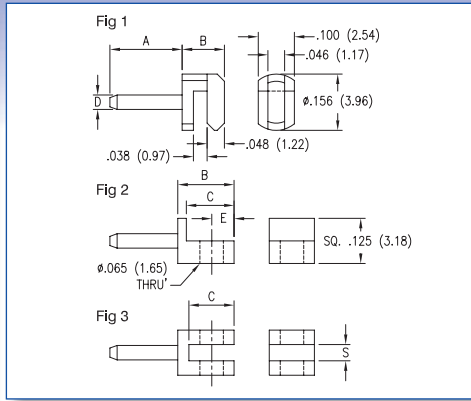
Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	D4	E	Mtg. Hole Diameter
1	460-3202 -01	.051 (1.30)	.031 (0.79)	.157 (3.99)	.032 (.081)	.076 (1.93)	.078 (1.98)	.025 (0.64)	.058 (1.47)	.033 (0.84)	.020 (0.51)	.015 (0.38)	.061 (1.57)
	-02	.082 (2.08)	.061 (1.57)										
	-03	.113 (2.87)	.094 (2.39)										
	460-5243 -01	.051 (1.30)	.031 (0.79)	.172 (4.37)	.022 (0.56)	.125 (3.18)	.094 (2.39)	.040 (1.02)	.072 (1.83)	.050 (1.27)	.040 (1.02)	.020 (0.51)	.076 (1.93)
	-02	.081 (2.08)	.061 (1.57)										
	-03	.113 (2.87)	.094 (2.39)										
	-04	.145 (3.68)	.125 (3.18)										
	460-3205 -02	.082 (2.08)	.061 (1.57)	0.22 (5.59)	.032 (0.81)	.082 (2.08)	.125 (3.18)	.062 (1.57)	.090 (2.29)	.060 (1.52)	.040 (1.02)	.020 (0.51)	.094 (2.39)
	-03	.113 (2.87)	.094 (2.39)										
2	460-2605 -02	.105 (2.67)	.061 (1.57)	.410 (10.40)	.035 (0.89)	.172 (4.37)	.156 (3.96)	.080 (2.03)	.116 (2.95)	.088 (2.24)	.050 (1.27)	.020 (0.51)	.120 (3.05)
	-03	.135 (3.43)	.094 (2.39)										
	-04	.165 (4.19)	.125 (3.18)										

Typical application



CONNECTOR PINS - EDGE MOUNT

Dimensions in inches (mm)



How to order code

46X - XXXX - XX - XX - 00

Basic Part No. | Finish

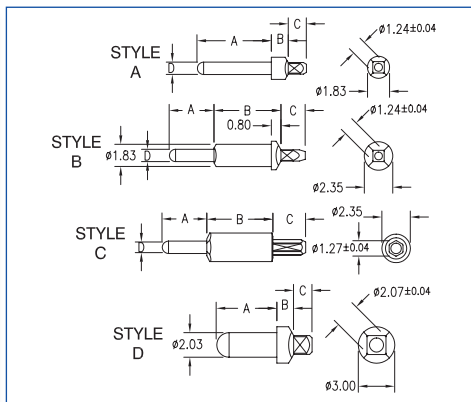
Material Code Table		
Component	Material	RoHS
Pin	Brass	✓

Finish Code Table		
Dash No.	Pin Finish	RoHS
-03	Gold over Nickel	✓
-04	Electro-Tin	✓

Fig.	Basic Part No.	A	Board Thickness	B	C	D	E	S
1	460-8250 -01	.200 (5.08)	-	.117 (2.97)	-	.040 (1.02)	-	-
2	461-2633 -01	.188 (4.77)	-	.156 (3.96)	.132 (3.35)	.040 (1.02)	.062 (1.57)	-
3	461-2634 -01	.200 (5.08)	.031 (0.78)	.156 (3.96)	.125 (3.18)	.040 (1.02)	.062 (1.57)	.045 (1.15)
	-02		.062 (1.57)					.078 (1.98)

CONNECTOR PINS - SOLDER MOUNT POLYGON

Dimensions in mm



How to order code

X - X - X - XXXX - XXXX - 3 - X

B - Brass | 'D' Dia | Style | 'A' Pin Length | 'B' Standoff Length | Finish | 'C' Mounting Length

T - Tellurium Copper

Material Code Table			
Component	Dash Letter	Material	RoHS
Pin	B	Brass	✓
	T	Tellurium Copper	✓

Finish Code Table		
Dash No.	Finish	RoHS
-03	Gold over Nickel	✓

Mounting Code Table	
Dash No.	C Mounting Length
1	0.90
2	1.50
3	2.00
4	2.70

Pin Dia Code Table	
Dash No.	D Pin Diameter
1	1.02
2	1.57
3	2.03

Example Part Number	Material	Pin dia D	Style	Pin Length A	Stand off Length B	Finish	Mounting Length C
B-1-B-0478-0432-3-4	Brass	1.02	B	4.78	4.32	Gold	2.70

CONNECTOR PINS - PATCHCORD CRIMP

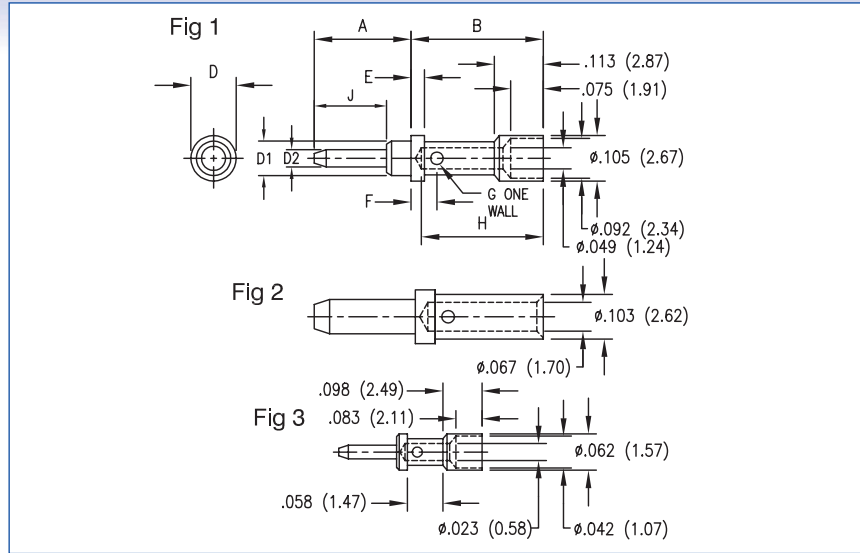
Dimensions in inches (mm)
See page 92 for recommended Crimping Pliers



How to order code

46X - 3XXX - XX - XX - XX

Basic Part No. | Insulator Colour | Socket Finish



Material Code Table			Finish Code Table			Insulation Colour Code Table	
Component	Material	RoHS	Dash No.	Pin Finish	RoHS	Dash No.	Colour
Pin	Brass	✓	-03	Gold over Nickel	✓	-00	None
Insulation	Polyolefin Plastic	✓	-04	Electro-Tin	✓	-10	Black

Fig.	Basic Part No.	A	B	D	D1	D2	E	F	G	H	J
1	460-3308 -01	.282 (7.16)	.306 (7.77)	.105 (2.67)	.077 (1.96)	.040 (1.02)	.031 (0.79)	.060 (1.50)	.029 (0.74)	.282 (7.16)	.188 (4.78)
	460-3368 -01	.282 (7.16)	.306 (7.77)	.105 (2.67)	.077 (1.96)	.062 (1.57)	.031 (0.79)	.060 (1.52)	.029 (0.74)	.282 (7.16)	.188 (4.78)
	460-3369 -01	.200 (5.08)	.306 (7.77)	.105 (2.67)	-	.080 (2.03)	.031 (0.79)	.060 (1.52)	.029 (0.74)	.282 (7.16)	-
	-02	.375 (9.53)									
-03	.500 (12.70)										
2	460-3299 -01	.200 (5.08)	2.96 (7.52)	.141 (3.58)	-	.080 (2.03)	.046 (1.17)	.076 (1.93)	.040 (1.02)	.267 (6.78)	-
	-02	.375 (9.53)									
	-03	.500 (12.70)									
3	460-3050 -01	.125 (3.18)	.188 (4.78)	.062 (1.57)	-	.025 (0.64)	.032 (0.81)	.048 (1.22)	.025 (0.64)	.166 (4.22)	-
Also available with black Polyolefin Sleeve as 461-3102-01-XX-10											

460-3050 / 461-3102

Recommended hook-up wire size -
.039 (0.99) Max. Diameter over Insulation

28AWG, 7 strands # 36 AWG copper wire plastic insulated

460-3308 / 460-3368 / 460-3369

Recommended hook-up wire size -
.053 (1.37) Max. Diameter over Insulation
Socket also accommodates

22AWG, 7 strands # 30 AWG copper wire PTFE insulated

20 AWG, 7 strands # 28 AWG copper wire insulated
24 AWG, 7 strands # 32 AWG copper wire insulated

460-3299

Recommended hook-up wire size -
Socket also accommodates

20AWG, 7 strands # 28 AWG copper wire PTFE insulated
18 AWG, 7 strands # 26 AWG copper wire, insulated
16 AWG, 19 strands # 29 AWG copper wire, insulated

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SHORTING LINKS - PLUG

SHORTING LINKS - SOCKET

COMPONENT CLIPS

CONNECTABALL - MALE

CONNECTABALL - FEMALE

PATCHCORDS

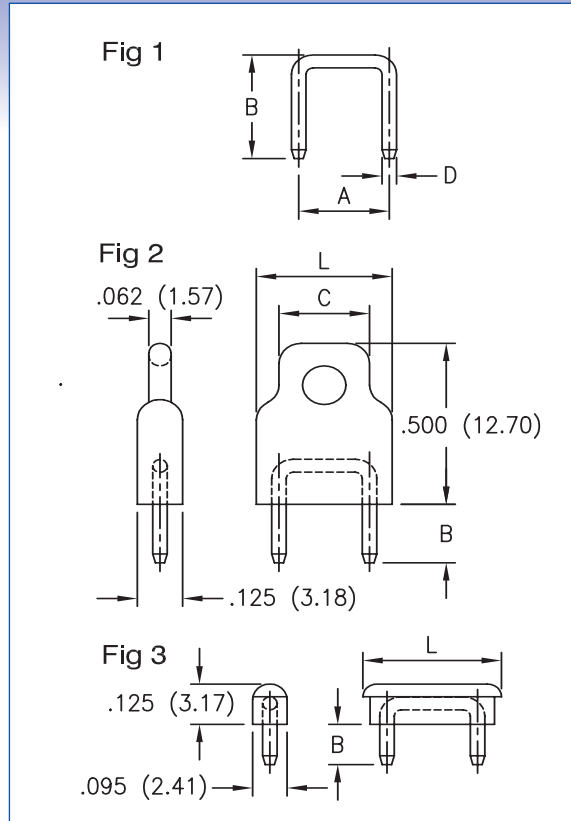
PATCHCORDS - SUB-MINIATURE - POLARISED

BATTERY HOLDERS

section 03

SHORTING LINKS - PLUG

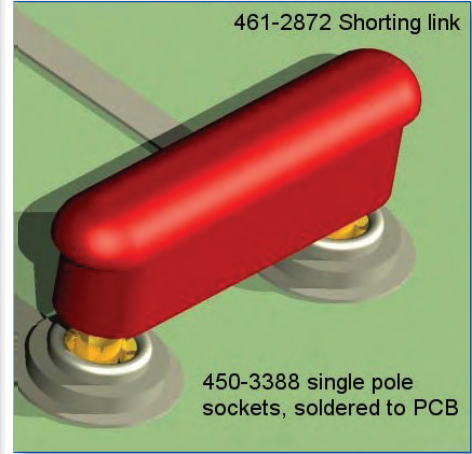
Dimensions in inches (mm)



How to order code

XXX - XXXX - XX - 03 - XX

Basic Part No. | Insulator Colour (where applicable) | Pin Finish



Typical application

Material Code Table		
Component	Material	RoHS
Pin	Brass	✓
Insulation	Polypropylene	✓

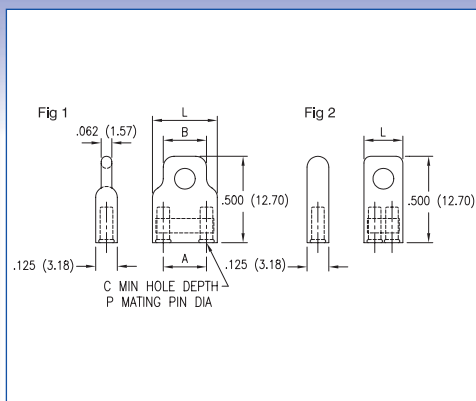
Finish Code Table		
Dash No.	Pin Finish	RoHS
-03	Gold over Nickel	✓

Insulation Colour Code Table	
Dash No.	Colour
-00	None
-10	Black
-12	Red
-16	Blue

Fig.	Basic Part No.	A	L	B	C	D
1	360-0004 -01	.200 (5.08)	-	.200 (5.08)	-	.025 (0.64)
	-02	.250 (6.35)	-			
	-03	.300 (7.62)	-			
	-04	.400 (10.16)	-			
	-05	.500 (12.70)	-			
	360-0017 -01	.200 (5.08)	-	.261 (6.63)	-	.040 (1.02)
	-02	.250 (6.35)	-			
	-03	.300 (7.62)	-			
	-04	.400 (10.16)	-			
	-05	.500 (12.70)	-			
2	461-2871 -01	.200 (5.08)	.375 (9.53)	.181 (4.60)	.250 (6.35)	.040 (1.02)
	-02	.250 (6.35)				
	461-3771 -01	.400 (10.16)	.620 (15.75)	.181 (4.60)	.432 (10.97)	.040 (1.02)
	-02	.500 (12.70)				
3	461-2251 -01	.200 (5.08)	.334 (8.48)	.125 (3.18)	-	.025 (0.64)
	-02	.250 (6.35)	.384 (9.75)			
	-03	.300 (7.62)	.434 (11.02)			
	-04	.400 (10.16)	.534 (13.56)			
	-05	.500 (12.70)	.634 (16.10)			
	461-2872 -01	.200 (5.08)	.334 (8.48)	.181 (4.60)	-	.040 (1.02)
	-02	.250 (6.35)	.384 (9.75)			
	-03	.300 (7.62)	.434 (11.02)			
	-04	.400 (10.16)	.534 (13.56)			
	-05	.500 (12.70)	.634 (16.10)			

SHORTING LINKS - SOCKET

Dimensions in inches (mm)



How to order code

450 - XXXX - 01 - 06 - XX

Basic Part No.

Insulator Colour
Socket Finish

Material Code Table

Component	Material	RoHS
Insulation	Polypropylene	✓
Socket:	Body	Copper
	Spring	Beryllium Copper (Heat Treated)
Strap	Bronze	✓

Finish Code Table

Dash No.	Socket Body Finish	Spring Finish	Strap Finish	RoHS
-06	Electro-Tin	Gold Plated	Electro-Tin	✓

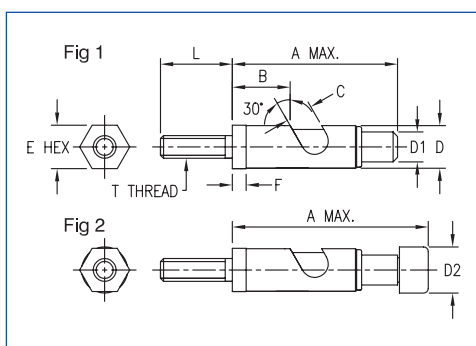
Insulation Colour Code Table

Dash No.	Colour
-10	Black
-12	Red
-16	Blue

Fig.	Basic Part No.	P	A	B	C	L
1	450-3775 -01	.040 (1.02)	.200 (5.08)	.250 (6.35)	.190 (4.83)	.375 (9.53)
	450-3776 -01	.040 (1.02)	.400 (10.16)	.432 (10.97)	.190 (4.83)	.620 (15.75)
2	450-4774 -01	.031 (0.79)	.100 (2.54)	-	.190 (4.83)	.240 (6.10)
	450-4775 -01	.040 (1.02)	.100 (2.54)	-	.190 (4.83)	.240 (6.10)

COMPONENT CLIPS

Dimensions in inches (mm)



How to order code

410 - XXXX - 01 - 02 - XX

Basic Part No.

Cap Colour (where applicable)
Finish

Material Code Table

Component	Material	RoHS
Pin	Brass	✓
Plunger		
Spring	Cres. Steel	✓
Cap	Nylon	✓

Finish Code Table

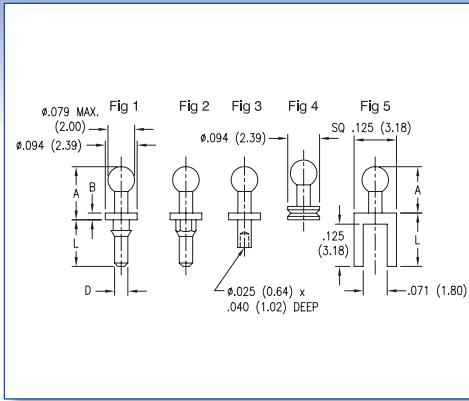
Dash No.	Housing Finish	Plunger Finish	Spring Finish	RoHS
-02	Nickel	Nickel	Passivated	✓

Colour Code Table

Dash No.	Colour
-00	None
-19	White

Fig.	Basic Part No.	A	B	C	D	D1	D2	E	F	L	T
1	410-2146 -01	.371 (9.42)	.140 (3.56)	.040 (1.02)	.125 (3.18)	.070 (1.78)	-	.156 (3.96)	.060 (1.52)	.218 (5.54)	2 - 56
	410-2329 -01	.524 (13.31)	.220 (5.59)	.055 (1.40)	.156 (3.96)	.094 (2.39)	-	.156 (3.96)	.060 (1.52)	.218 (5.54)	2 - 56
	410-2339 -01	.752 (19.10)	.282 (7.16)	.085 (2.16)	.187 (4.75)	.130 (3.30)	-	.188 (4.78)	.060 (1.52)	.312 (7.92)	3 - 48
2	410-2844 -01	.496 (12.60)	.140 (3.56)	.040 (1.02)	-	-	.170 (4.32)	.156 (3.96)	.060 (1.52)	.218 (5.54)	2 - 56
	410-2832 -01	.863 (21.92)	.282 (7.16)	.085 (2.16)	-	-	.215 (5.46)	.188 (4.78)	.060 (1.52)	.312 (7.92)	3 - 48

CONNECTABALL - MALE



Dimensions in inches (mm)
See page 92 for recommended Anvil and Punch

How to order code

460 - 845X - XX - XX - 00

Basic Part No. | Finish Fabrication (460-8452 only)

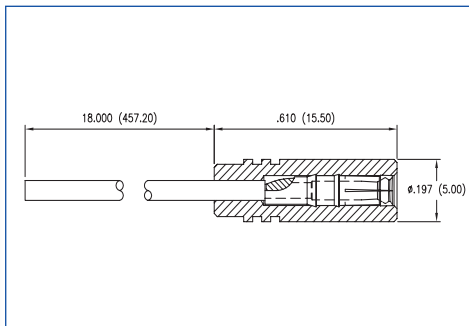
Material Code Table		
Component	Material	RoHS
Connectaball	Brass	✓

Finish Code Table		
Dash No.	Finish	RoHS
-01	Silver	✓
-03	Gold 50 μ "(1.25 μ m)	✓
-93	Gold 10 μ "(0.25 μ m)	✓
-04	Electro - Tin	✓

Fig.	Basic Part No.	L	Board Thickness	A	B	D	Mtg. Hole Diameter
1	460-8450 -01	.138 (3.50)	-	.157 (4.00)	.020 (0.50)	.039 (1.00)	.051 (1.30)
2	460-8451 -01	.138 (3.50)	-	.157 (4.00)	.020 (0.50)	.039 (1.00)	.051 (1.30)
3	460-8452 -01	.051 (1.30)	.031 (0.79)	.157 (4.00)	.020 (0.50)	.039 (1.00)	.043 (1.09)
	-02*	.082 (2.08)	.062 (1.57)				
	-03	.113 (2.87)	.094 (2.39)				
4	460-8453 -01	-	-	.177 (4.50)	.039 (1.00)	.094 (2.39)	-
5	460-8454 -01	.157 (4.00)	-	.138 (3.50)	-	-	-

*Preferred - others to order

CONNECTABALL - FEMALE



Dimensions in inches (mm)

How to order code

445 - 860X - 01 - XX - XX

Basic Part No. | Colour | Finish

Material Code Table		
Component	Material	RoHS
Contact	Brass	✓
Insulator	PTFE	✓*
Wire	See Table	✓

Finish Code Table		
Dash No.	Finish	RoHS
-01	Silver	✓
-03	Gold (1.25 μ m 50 μ ")	✓
-93	Gold (0.25 μ m 10 μ ")	✓
-04	Electro - Tin	✓

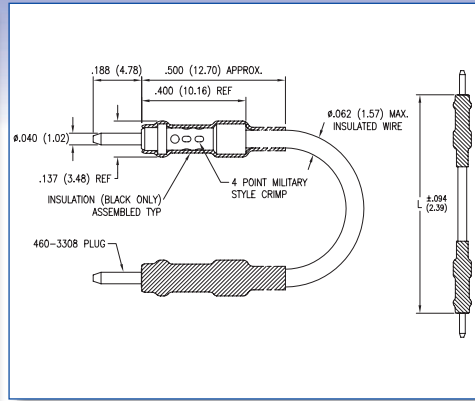
Colour Code Table	
Dash No.	Colour
-10	Black
-12	Red*
-19	White

Basic Part No.	Wire Diameter	Wire Insulation	Max. Operating Current	Max. Contact Resistance	Connector Engaging Force (Max.)	Resistance to pull (Min.)
445-8600 -01	19 x 0.2mm	PTFE	3A	5 m Ω	60N	4.9N
445-8601 -01	28 x 0.15mm	PVC	3A	5 m Ω	60N	4.9N

*Red PTFE is not RoHS compliant

PATCHCORDS

Dimensions in inches (mm)



How to order code

445 - 3306 - XX - 03 - XX

Basic Part No. | Wire Colour | Plug Finish

Material Code Table		
Component	Material	RoHS
Insulation	Polyolefin Plastic	✓
Plug	Brass	✓
Insulated Wire:	Wire	Copper
	Insulation	PTFE

Finish Code Table		
Dash No.	Plug Finish	RoHS
-03	Gold	✓

Wire Code Table			
Dash No.	Wire Colour	Dash No.	Wire Colour
-10*	Black	-15	Green
-11	Brown	-16*	Blue
-12*	Red	-17	Violet
-13	Orange	-18	Grey
-14	Yellow	-19	White

Basic Part No.	L
445-3306 -02	4.000 (101.60)
-03	6.000 (152.40)

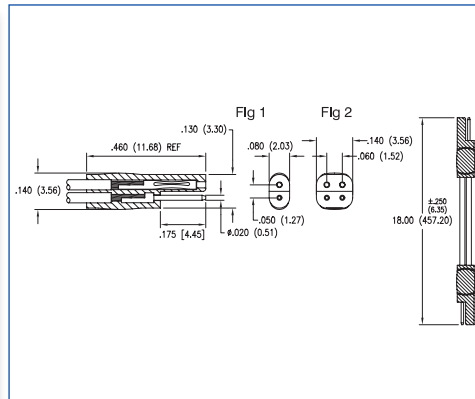
Basic Part No.	L
445-3306 -04	8.000 (203.20)
-05	12.000 (304.80)

Wire Colour *Standard – Others to order

Wire Data Ref: #20 AWG, 7 Strands #28 AWG Silver Plated Copper Wire

PATCHCORDS - SUB-MINIATURE - POLARISED

Dimensions in inches (mm)



How to order code

444 - 151X - 18 - 03 - XX

Basic Part No. | Wire Colour | Plug Jack Finish

Material Code Table		
Component	Material	RoHS
Insulation	Nylon	✓
Jack	Beryllium Copper	✓
Pin	Brass	✓
Insulated Wire:	Wire	Copper
	Insulation	Vinyl
Solder	60/40 Tin/Lead	X

Finish Code Table		
Dash No.	Plug - Jack Finish	RoHS
-03	Gold	✓

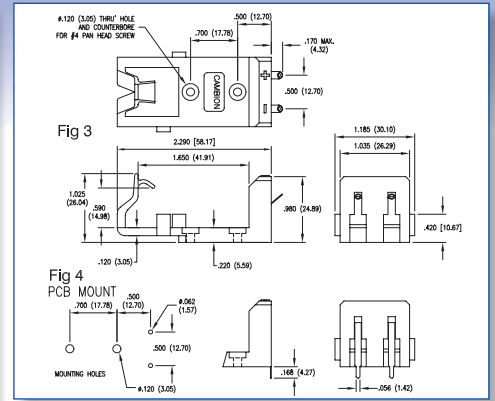
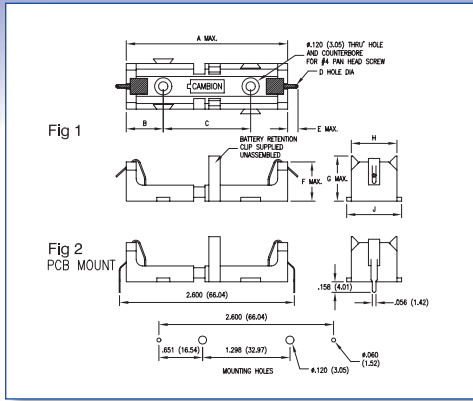
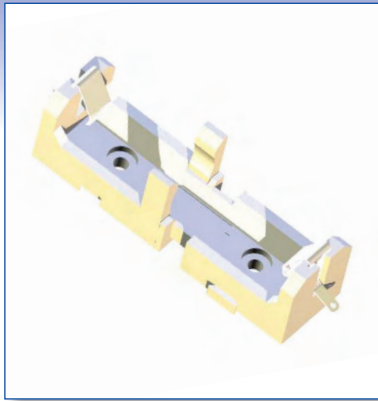
Wire Code Table for Fig. 1	
Dash No.	Wire Colour
-01	White, White
-02	Black, Red

Wire Code Table for Fig. 2	
Dash No.	Wire Colour
-01	White, White, White, White
-02	Black, Red, White, Green

Fig.	Basic Part No.	Current Capacity Per Wire
1	444-1514 -18	1.5A
2	444-1515 -18	1.5A

Cable may be cut into two different sub-lengths as required by the user

BATTERY HOLDERS



Dimensions in inches (mm)

How to order code
400 - XXXX - 01 - 00 - 20
 Basic Part No. | Colour

Material Code Table		
Component	Material	RoHS
Body	Polyester	✓
Clip	Polyester	✓
Spring & Solder Lug	Phosphor Bronze	✓

Finish Code Table		
Dash No.	Spring & Solder Lug Finish	RoHS
-04	Electro-Tin	✓

Colour Code Table	
Dash No.	Colour
-20	Natural

Fig.	Basic Part No.	Battery Size	A	B	C	D	E	F	G	H	J
1	400-2800 -01	C	2.400 (60.96)	.590 (14.99)	1.200 (30.48)	.065 (1.65)	.280 (7.11)	1.080 (27.43)	1.193 (30.30)	1.090 (27.69)	1.200 (30.48)
	400-2801 -01	D	2.930 (74.42)	.650 (16.51)	1.592 (40.44)	.065 (1.65)	.280 (7.11)	1.335 (33.91)	1.400 (35.36)	1.500 (38.10)	1.600 (40.64)
	400-2802 -01	AA	2.430 (61.72)	.550 (13.97)	1.298 (32.97)	.046 (1.17)	.220 (5.59)	.780 (19.81)	.747 (18.97)	.680 (17.27)	.773 (19.63)
2	400-2803 -01	AA	2.430 (61.72)	.550 (13.97)	1.298 (32.97)	-	-	.775 (19.68)	.747 (18.97)	.680 (17.27)	.773 (19.63)
3	400-1800 -01	PP3	-	-	-	.046 (1.17)	-	-	-	-	-
4	400-1803 -01	PP3	-	-	-	-	-	-	-	-	-

RF Connectors

Cambion compliments its vast range of high performance connectors and inductive products, with RF Connectors. Specialising in the manufacture of custom variants of industry standards Cambion offers an unique development facility of precision turning and the prototyping of application specials. Styles include N type, 7/16, SMA, SMB, MCX and many more incorporating blind mates and quick termination, with minimal outlay.

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PTFE INSULATED FEEDTHROUGH THREAD MOUNT

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PTFE INSULATED, STAND OFF, THREAD MOUNT

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MOULDED DAP, SINGLE TURRET

MOULDED DAP, TWIN TURRET

MOULDED DAP, SLOTTED

TURRET

FLARED - SWAGE MOUNT

TURRET THROUGH HOLE

TURRET THREAD MOUNT

EYELET

SWAGED FEEDTHROUGH

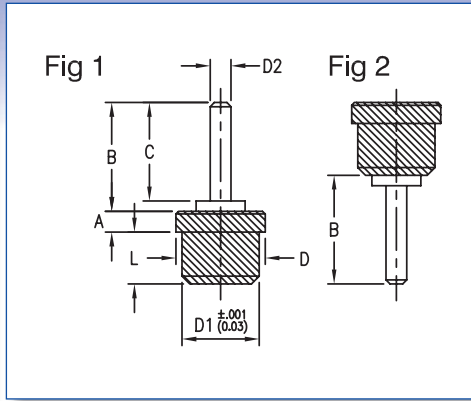
TURRET, FEEDTHROUGH

SLOTTED

section 04

SOLDER TERMINALS - PTFE INSULATED, PRESS MOUNT

Dimensions in inches (mm)
See page 89 for Mounting Instructions



How to order code

571 - 4XXX - XX - XX - 19

Basic Part No. | Insulator Colour | Terminal Finish

Material Code Table		
Component	Material	RoHS
Insulator	PTFE	✓
Terminal	Brass	✓

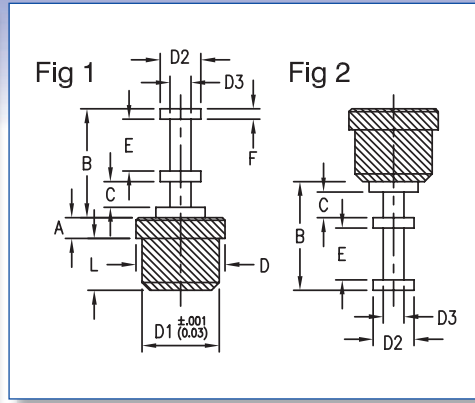
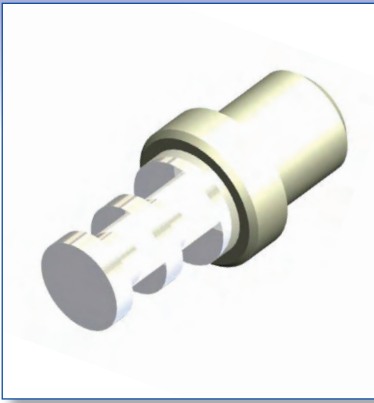
Finish Code Table		
Dash No.	Terminal Finish	RoHS
-01	Silver	✓
-05	Electro-Solder	X

Insulation Colour Code Table	
Dash No.	Colour
-19	White

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	Mtg. Hole Diameter	Capacitance (pF)	Flashover VRMS at Sea Level
1	571-4029 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.190 (4.83)	.172 (4.37)	.149 (3.78)	.040 (1.02)	.136 (3.45)	0.5	3000
	-02	.125 (3.18)	.031 (0.79) to .085 (2.16)								0.5	3000
	-03	.165 (4.19)	.031 (0.79) to .125 (3.18)								0.5	3000
	-04	.250 (6.35)	.031 (0.79) to .210 (5.33)								0.5	3000
	571-4030 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.094 (2.39)	.210 (5.33)	.190 (4.83)	.172 (4.37)	.149 (3.78)	.040 (1.02)	.136 (3.45)	0.5	4200
	-02	.125 (3.18)	.031 (0.79) to .085 (2.16)								0.5	5500
	-03	.165 (4.19)	.031 (0.79) to .125 (3.18)								0.5	5500
	-04	.250 (6.35)	.031 (0.79) to .210 (5.33)								0.5	5500
	571-4037 -01	.060 (1.52)	.016 (.041) only	.040 (1.02)	.210 (5.33)	.190 (4.83)	.172 (4.37)	.149 (3.78)	.040 (1.02)	.136 (3.45)	0.5	3000
	571-4043 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.450 (11.43)	.430 (10.92)	.172 (4.37)	.149 (3.78)	.040 (1.02)	.136 (3.45)	0.6	2500
	-02	.125 (3.18)	.031 (0.79) to .085 (2.16)								0.6	2500
	571-4133 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.320 (8.13)	.300 (7.62)	.250 (6.35)	.216 (5.49)	.040 (1.02)	.203 (5.16)	0.5	3000
	571-4134 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.450 (11.43)	.430 (10.92)	.250 (6.35)	.216 (5.49)	.040 (1.02)	.203 (5.16)	0.5	3500
	571-4135 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.610 (15.49)	.590 (14.99)	.250 (6.35)	.216 (5.49)	.040 (1.02)	.203 (5.16)	0.5	3000
2	571-4031 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.190 (4.83)	.172 (4.37)	.149 (3.78)	.040 (1.02)	.136 (3.45)	0.5	3500
	-02	.125 (3.18)	.031 (0.79) to .085 (2.16)								0.5	4000
	-03	.165 (4.19)	.031 (0.79) to .125 (3.18)								0.5	4000
	-04	.250 (6.35)	.031 (0.79) to .210 (5.33)								0.5	6000
	571-4046 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.450 (11.43)	.430 (10.92)	.172 (4.37)	.149 (3.78)	.040 (1.02)	.136 (3.45)	0.5	3000
	-02	.125 (3.18)	.031 (0.79) to .085 (2.16)								0.5	3500
	571-4072 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.450 (11.43)	.430 (10.92)	.188 (4.78)	.172 (4.37)	.040 (1.02)	.158 (4.01)	0.5	3500
	571-4073 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.610 (15.49)	.590 (14.99)	.188 (4.78)	.172 (4.37)	.040 (1.02)	.158 (4.01)	0.5	3000
	571-4109 01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.190 (4.83)	.188 (4.78)	.172 (4.37)	.040 (1.02)	.158 (4.01)	0.5	3000
	571-4136 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.320 (8.13)	.300 (7.62)	.250 (6.35)	.216 (5.49)	.040 (1.02)	.203 (5.16)	0.5	3500
	571-4137 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.450 (11.43)	.430 (10.92)	.250 (6.35)	.216 (5.49)	.040 (1.02)	.203 (5.16)	0.5	3000
	571-4138 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.610 (15.49)	.590 (14.99)	.250 (6.35)	.216 (5.49)	.040 (1.02)	.203 (5.16)	0.5	3500

Other colours available, consult factory.

SOLDER TERMINALS - PTFE INSULATED, PRESS MOUNT



Dimensions in inches (mm)
See page 89 for Mounting Instructions

How to order code

571 - 4XXX - XX - XX - 19

Basic Part No. | Insulator Colour | Terminal Finish

Material Code Table		
Component	Material	RoHS
Insulator	PTFE	✓
Terminal	Brass	✓

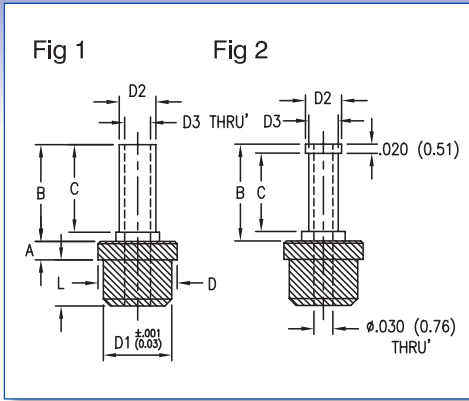
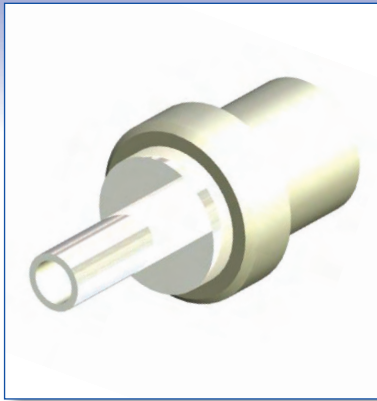
Finish Code Table		
Dash No.	Terminal Finish	RoHS
-01	Silver	✓
-05	Electro-Solder	X

Insulation Colour Code Table	
Dash No.	Colour
-19	White

Fig.	Basic Part No.	L	Board Thickness	A	B	C	E	F	D	D1	D2	D3	Mtg. Hole Diameter	Capacitance (pF)	Flashover VRMS at Sea Level	
1	571-4015 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.140 (3.56)	.040 (1.02)	.040 (1.02)	.020 (0.51)	.125 (3.18)	.094 (2.39)	.080 (2.03)	.050 (1.27)	.083 (2.11)	0.5	3000	
	571-4016 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.050 (1.27)	.100 (2.54)	.020 (0.51)	.125 (3.18)	.094 (2.39)	.080 (2.03)	.040 (1.02)	.083 (2.11)	0.6	3000	
	571-4025	-01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.050 (1.27)	.100 (2.54)	.020 (0.51)	.172 (4.37)	.149 (3.78)	.080 (2.03)	.040 (1.02)	.136 (3.45)	0.5	3000
		-02	.125 (3.18)	.031 (0.79) to .085 (2.16)											0.5	3000
		-03	.165 (4.19)	.031 (0.79) to .125 (3.18)											0.5	3000
		-04	.250 (6.35)	.031 (0.79) to .210 (5.33)											0.5	3000
	571-4026	-01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.250 (6.35)	.096 (2.44)	.094 (2.39)	.020 (0.51)	.172 (4.37)	.149 (3.78)	.080 (2.03)	.040 (1.02)	.136 (3.45)	0.5	3000
		-02	.125 (3.18)	.031 (0.79) to .085 (2.16)											0.5	3000
		-03	.165 (4.19)	.031 (0.79) to .125 (3.18)											0.5	3000
		-04	.250 (6.35)	.031 (0.79) to .210 (5.33)											0.6	3000
	571-4027	-01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.094 (2.39)	.210 (5.33)	.050 (1.27)	.100 (2.54)	.020 (0.51)	.172 (4.37)	.149 (3.78)	.080 (2.03)	.040 (1.02)	.136 (3.45)	0.5	4200
		-02	.125 (3.18)	.031 (0.79) to .085 (2.16)											0.5	4200
		-03	.165 (4.19)	.031 (0.79) to .125 (3.18)											0.5	4200
		-04	.250 (6.35)	.031 (0.79) to .210 (5.33)											0.5	4200
	571-4028	-01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.094 (2.39)	.250 (6.35)	.096 (2.44)	.094 (2.39)	.020 (0.51)	.172 (4.37)	.149 (3.78)	.080 (2.03)	.040 (1.02)	.136 (3.45)	0.5	4200
		-02	.125 (3.18)	.031 (0.79) to .085 (2.16)											0.5	4200
		-03	.165 (4.19)	.031 (0.79) to .125 (3.18)											0.5	4200
		-04	.250 (6.35)	.031 (0.79) to .210 (5.33)											0.6	4200
	571-4038	-01	.060 (1.52)	.016 (.041) only	.040 (1.02)	.210 (5.33)	.050 (1.27)	.100 (2.54)	.020 (0.51)	.172 (4.37)	.149 (3.78)	.080 (2.03)	.047 (1.19)	.136 (3.45)	0.5	3000
	571-4051	-01	.110 (2.79)	.031 (0.79) to .071 (1.80)	.043 (1.09)	.210 (5.33)	.050 (1.27)	.100 (2.54)	.020 (0.51)	.172 (4.37)	.149 (3.78)	.080 (2.03)	.040 (1.02)	.136 (3.45)	0.6	3000
	571-4140	-01	.150 (3.81)	.031 (0.79) to .110 (2.79)	.125 (3.18)	.146 (3.71)	.038 (0.97)	.048 (1.22)	.020 (0.51)	.188 (4.78)	.165 (4.19)	.094 (2.39)	.045 (1.14)	.152 (3.86)	0.5	5000
	571-4078	-01	.150 (3.81)	.031 (0.79) to .110 (2.79)	.125 (3.18)	.281 (7.14)	.094 (2.39)	.094 (2.39)	.031 (0.79)	.188 (4.78)	.172 (4.37)	.125 (3.18)	.047 (1.19)	.158 (4.01)	0.6	7000
	571-4099	-01	.150 (3.81)	.031 (0.79) to .110 (2.79)	.125 (3.18)	.250 (6.35)	.096 (2.44)	.094 (2.39)	.020 (0.51)	.188 (4.78)	.172 (4.37)	.094 (2.39)	.040 (1.02)	.158 (4.01)	0.6	7000
	571-4100	-01	.150 (3.81)	.031 (0.79) to .110 (2.79)	.188 (4.78)	.250 (6.35)	.096 (2.44)	.094 (2.39)	.020 (0.51)	.188 (4.78)	.172 (4.37)	.094 (2.39)	.040 (1.02)	.158 (4.01)	0.6	9000
571-4101	-01	.150 (3.81)	.031 (0.79) to .110 (2.79)	.250 (6.35)	.250 (6.35)	.096 (2.44)	.094 (2.39)	.020 (0.51)	.188 (4.78)	.172 (4.37)	.094 (2.39)	.040 (1.02)	.158 (4.01)	0.6	10000	
571-4102	-01	.150 (3.81)	.031 (0.79) to .110 (2.79)	.400 (10.16)	.250 (6.35)	.096 (2.44)	.094 (2.39)	.020 (0.51)	.188 (4.78)	.172 (4.37)	.094 (2.39)	.040 (1.02)	.158 (4.01)	0.6	10000	
571-4116	-01	.188 (4.78)	.031 (0.79) to .148 (3.76)	.500 (12.70)	.281 (7.14)	.094 (2.39)	.094 (2.39)	.031 (0.79)	.250 (6.35)	.216 (5.49)	.125 (3.18)	.047 (1.19)	.203 (5.16)	0.4	12000	
571-4125	-01	.188 (4.78)	.031 (0.79) to .148 (3.76)	.800 (20.32)	.250 (6.35)	.096 (2.44)	.094 (2.39)	.020 (0.51)	.250 (6.35)	.216 (5.49)	.094 (2.39)	.040 (1.02)	.203 (5.16)	0.2	13000	
571-4127	-01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.050 (1.27)	.100 (2.54)	.020 (0.51)	.250 (6.35)	.216 (5.49)	.080 (2.03)	.040 (1.02)	.203 (5.16)	0.4	3000	
2	571-4033	-01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.050 (1.27)	.100 (2.54)	.020 (0.51)	.172 (4.37)	.149 (3.78)	.080 (2.03)	.040 (1.02)	.136 (3.45)	0.5	3000
		-02	.125 (3.18)	.031 (0.79) to .085 (2.16)											0.5	3500
		-03	.165 (4.19)	.031 (0.79) to .125 (3.18)											0.5	4000
		-04	.250 (6.35)	.031 (0.79) to .210 (5.33)											0.5	6000
	571-4034	-01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.250 (6.35)	.096 (2.44)	.094 (2.39)	.020 (0.51)	.172 (4.37)	.149 (3.78)	.080 (2.03)	.040 (1.02)	.136 (3.45)	0.5	3000
		-02	.125 (3.18)	.031 (0.79) to .085 (2.16)											0.5	3500
		-03	.165 (4.19)	.031 (0.79) to .125 (3.18)											0.5	4000
		-04	.250 (6.35)	.031 (0.79) to .210 (5.33)											0.5	6000
	571-4105	-01	.150 (3.81)	.031 (0.79) to .110 (2.79)	.125 (3.18)	.250 (6.35)	.096 (2.44)	.094 (2.39)	.020 (0.51)	.188 (4.78)	.172 (4.37)	.094 (2.39)	.040 (1.02)	.158 (4.01)	0.6	4000
	571-4111	-01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.250 (6.35)	.096 (2.44)	.094 (2.39)	.020 (0.51)	.188 (4.78)	.172 (4.37)	.080 (2.03)	.040 (1.02)	.158 (4.01)	0.6	3000

Other colours available, consult factory.

SOLDER TERMINALS - PTFE INSULATED, PRESS MOUNT



Dimensions in inches (mm)
See page 89 for Mounting Instructions

How to order code

571 - 4XXX - XX - XX - 19

Basic Part No. | Insulator Colour | Terminal Finish

Material Code Table		
Component	Material	RoHS
Insulator	PTFE	✓
Terminal	Brass	✓

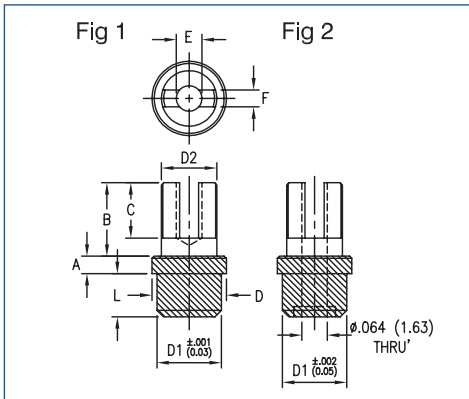
Finish Code Table		
Dash No.	Terminal Finish	RoHS
-01	Silver	✓
-05	Electro-Solder	X

Insulation Colour Code Table	
Dash No.	Colour
-19	White

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	Mtg. Hole Diameter	Capacitance (pF)	Flashover VRMS at Sea Level
1	571-4152 -01	.060 (1.52)	.016 (.041) only	.040 (1.02)	.125 (3.18)	.105 (2.67)	.125 (3.18)	.094 (2.39)	.040 (1.02)	.030 (0.76)	.083 (2.11)	0.5	1500
	-02	.100 (2.54)	.031 (0.79) to .062 (1.57)									0.6	2500
	571-4193 -01	.110 (2.79)	.031 (0.79) to .071 (1.80)	.050 (1.27)	.207 (5.26)	.187 (4.75)	.172 (4.37)	.149 (3.78)	.085 (2.16)	.064 (1.63)	.136 (3.45)	0.7	3000
	571-4240 -01	.110 (2.79)	.031 (0.79) to .071 (1.80)	.050 (1.27)	.207 (5.26)	.187 (4.75)	.218 (5.54)	.172 (4.37)	.040 (1.02)	.030 (0.76)	.158 (4.01)	0.5	3500
2	571-4153 -01	.060 (1.52)	.016 (.041) only	.040 (1.02)	.207 (5.26)	.167 (4.24)	.125 (3.18)	.094 (2.39)	.080 (2.03)	.040 (1.02)	.083 (2.11)	0.5	2000
	-02	.100 (2.54)	.031 (0.79) to .062 (1.57)									0.6	1500

Other colours available, consult factory.

SOLDER TERMINALS - PTFE INSULATED, PRESS MOUNT



Dimensions in inches (mm)
See page 89 for Mounting Instructions

How to order code

571 - 4XXX - 01 - XX - 19

Basic Part No. | Insulator Colour | Terminal Finish

Material Code Table		
Component	Material	RoHS
Insulator	PTFE	✓
Terminal	Brass	✓

Finish Code Table		
Dash No.	Terminal Finish	RoHS
-01	Silver	✓
-05	Electro-Solder	X

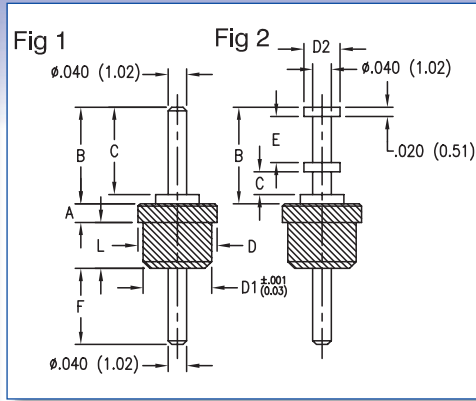
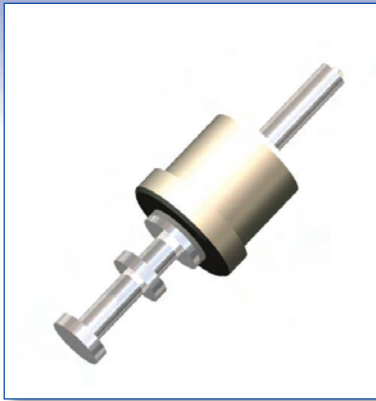
Insulation Colour Code Table	
Dash No.	Colour
-19	White

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	E	F	Mtg. Hole Diameter	Capacitance (pF)	Flashover VRMS at Sea Level
1	571-4093 -01	.150 (3.81)	.031 (0.79) to .110 (2.79)	.400 (10.16)	.203 (5.16)	.161 (4.09)	.188 (4.78)	.172 (4.37)	.148 (3.76)	.046 (1.17)	.030 (0.76)	.158 (4.01)	0.6	10000
	571-4121 -01	.188 (4.78)	.031 (0.79) to .148 (3.76)	.800 (20.32)	.203 (5.16)	.161 (4.09)	.250 (6.35)	.216 (5.49)	.148 (3.76)	.046 (1.17)	.030 (0.76)	.203 (5.16)	0.3	13000
	571-4123 -01	.188 (4.78)	.031 (0.79) to .148 (3.76)	.800 (20.32)	.203 (5.16)	.156 (3.96)	.250 (6.35)	.216 (5.49)	.148 (3.76)	.078 (1.98)	.046 (1.17)	.203 (5.16)	0.3	13000
2	571-4132 -01	.220 (5.59)	.062 (1.57) to .125 (3.18)	.062 (1.57)	.218 (5.54)	.156 (3.96)	.250 (6.35)	.216 (5.49)	.156 (3.96)	-	.040 (1.02)	.203 (5.16)	0.5	2800

Other colours available, consult factory.

SOLDER TERMINALS - PTFE INSULATED, PRESS MOUNT, FEEDTHROUGH

Dimensions in inches (mm)
See page 89 for Mounting Instructions



How to order code

571 - 4XXX - XX - XX - 19

Basic Part No. | Insulator Colour | Terminal Finish

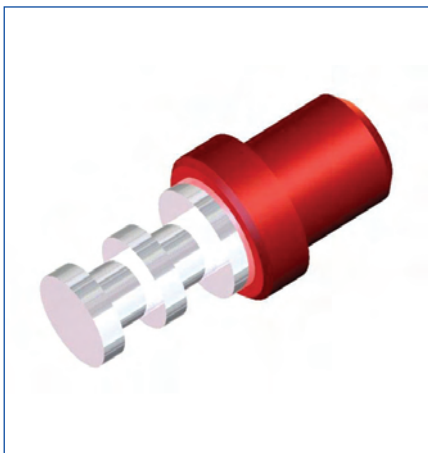
Material Code Table		
Component	Material	RoHS
Insulator	PTFE	✓
Terminal	Brass	✓

Finish Code Table		
Dash No.	Terminal Finish	RoHS
-01	Silver	✓
-04	Electro-Tin	✓
-05	Electro-Solder	X

Insulation Colour Code Table	
Dash No.	Colour
-19	White

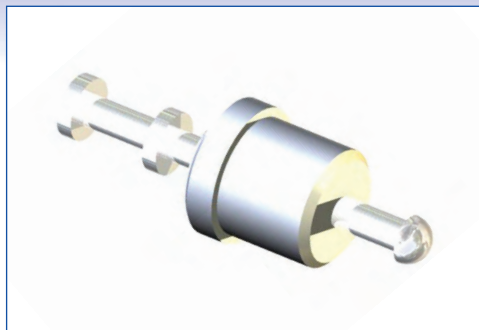
Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	E	F	Mtg. Hole Diameter	Capacitance (pF)	Flashover (VRMS) at Sea Level
1	571-4282 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.190 (4.83)	.125 (3.18)	.094 (2.39)	-	-	.165 (4.19)	.083 (3.11)	0.7	1500
	571-4283 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.125 (3.18)	.105 (2.67)	.125 (3.18)	.094 (2.39)	-	-	.078 (1.98)	.083 (3.11)	0.5	1500
	571-4161 -01	.060 (1.52)	.016 (0.40) only	.040 (1.02)	.210 (5.33)	.190 (4.83)	.150 (3.81)	.126 (3.20)	-	-	.165 (4.19)	.113 (2.87)	0.7	3000
	571-4161 -02	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.190 (4.83)	.150 (3.81)	.126 (3.20)	-	-	.165 (4.19)	.113 (2.87)	0.8	3000
	571-4176 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.190 (4.83)	.172 (4.37)	.149 (3.78)	-	-	.165 (4.19)	.136 (3.45)	0.4	3000
	571-4176 -02	.125 (3.18)	.031 (0.79) to .085 (2.16)	.040 (1.02)	.210 (5.33)	.190 (4.83)	.172 (4.37)	.149 (3.78)	-	-	.165 (4.19)	.136 (3.45)	0.4	3000
	571-4176 -03	.165 (4.19)	.031 (0.79) to .125 (3.18)	.040 (1.02)	.210 (5.33)	.190 (4.83)	.172 (4.37)	.149 (3.78)	-	-	.165 (4.19)	.136 (3.45)	0.4	3000
	571-4176 -04	.250 (6.35)	.031 (0.79) to .210 (5.33)	.040 (1.02)	.210 (5.33)	.190 (4.83)	.172 (4.37)	.149 (3.78)	-	-	.165 (4.19)	.136 (3.45)	0.4	3000
	571-4177 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.093 (2.36)	.210 (5.33)	.190 (4.83)	.172 (4.37)	.149 (3.78)	-	-	.166 (4.22)	.136 (3.45)	0.5	4000
	571-4177 -02	.125 (3.18)	.031 (0.79) to .085 (2.16)	.093 (2.36)	.210 (5.33)	.190 (4.83)	.172 (4.37)	.149 (3.78)	-	-	.166 (4.22)	.136 (3.45)	0.4	4000
	571-4177 -03	.165 (4.19)	.031 (0.79) to .125 (3.18)	.093 (2.36)	.210 (5.33)	.190 (4.83)	.172 (4.37)	.149 (3.78)	-	-	.166 (4.22)	.136 (3.45)	0.4	4000
	571-4188 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.125 (3.18)	.105 (2.67)	.172 (4.37)	.149 (3.78)	-	-	.110 (2.79)	.136 (3.45)	0.7	2500
	571-4281 -01	.150 (3.81)	.031 (0.79) to .110 (2.79)	.125 (3.18)	.200 (5.08)	.180 (4.57)	.188 (4.78)	.165 (4.19)	-	-	.200 (5.08)	.152 (3.86)	0.7	4500
	2	571-4155 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.050 (1.27)	.125 (3.18)	.094 (2.39)	.080 (2.03)	.100 (2.54)	.150 (3.81)	.083 (3.11)	0.7
571-4185 -01		.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.050 (1.27)	.172 (4.37)	.149 (3.78)	.080 (2.03)	.100 (2.54)	.150 (3.81)	.136 (3.45)	0.7	2500
571-4197 -01		.230 (5.84)	.031 (0.79) to .190 (4.83)	.125 (3.18)	.250 (6.35)	.096 (2.44)	.172 (4.37)	.149 (3.78)	.093 (2.36)	.094 (2.39)	.231 (5.87)	.136 (3.45)	0.8	4000

Colours available for volume requirements



SOLDER TERMINALS - PTFE INSULATED, PRESS MOUNT, FEEDTHROUGH

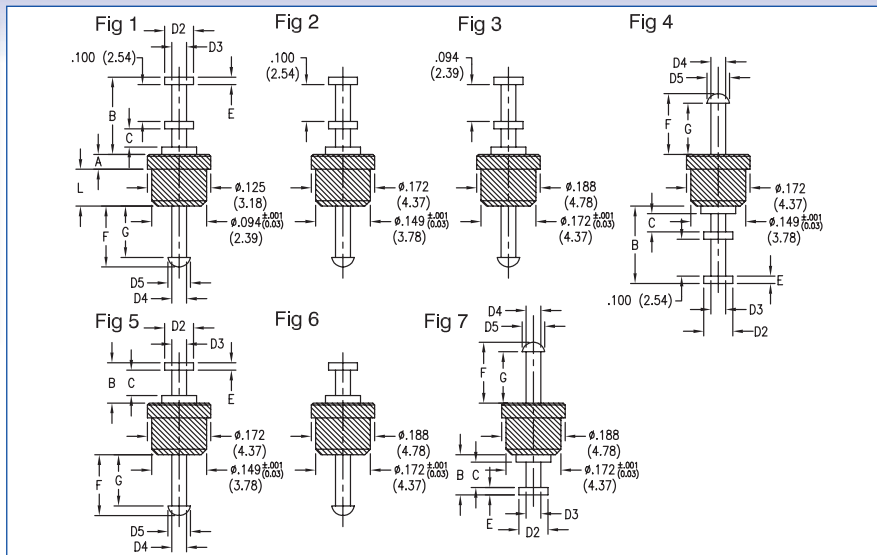
Dimensions in inches (mm)
See page 89 for Mounting Instructions



How to order code

571 - 4XXX - XX - XX - 19

Basic Part No. | Insulator Colour | Terminal Finish



Component	Material	RoHS
Insulator	PTFE	✓
Terminal	Brass	✓

Dash No.	Terminal Finish	RoHS
-01	Silver	✓
-04	Electro-Tin	✓
-05	Electro-Solder	X

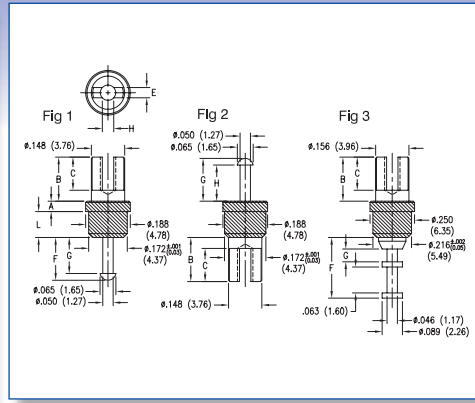
Dash No.	Colour
-19	White

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D2	D3	D4	D5	E	F	G	Mtg. Hole Diameter	Capacitance (pF)	Flashover VRMS at Sea Level
1	571-4154 -01	.060 (1.52)	.016 (0.40) only	.040 (1.02)	.210 (5.33)	.050 (1.27)	.080 (2.03)	.040 (1.02)	.035 (0.89)	.050 (1.27)	.020 (0.51)	.150 (3.81)	.125 (3.18)	.083 (2.11)	0.5	1500
	-02	.100 (2.54)	.031 (0.79) to .062 (1.57)												0.7	1500
2	571-4182 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.050 (1.27)	.080 (2.03)	.040 (1.02)	.040 (1.02)	.060 (1.52)	.020 (0.51)	.150 (3.81)	.120 (3.05)	.136 (3.45)	0.4	3000
	-02	.125 (3.18)	.031 (0.79) to .085 (2.16)									.125 (3.18)	.095 (2.41)		0.4	3000
	-03	.165 (4.19)	.031 (0.79) to .125 (3.18)									.085 (2.16)	.055 (1.40)		0.4	3000
3	571-4250 -01	.200 (5.08)	.031 (0.79) to .162 (4.11)	.125 (3.18)	.281 (7.14)	.094 (2.39)	.125 (3.18)	.062 (1.57)	.050 (1.27)	.080 (2.03)	.031 (0.79)	222 (5.64)	.182 (4.62)	.158 (4.01)	1.0	5500
	571-4241 -01	.212 (5.38)	.031 (0.79) to .172 (4.37)	.188 (4.78)	.250 (6.35)	.096 (2.44)	.094 (2.39)	.050 (1.27)	.050 (1.27)	.065 (1.65)	.020 (0.51)	.186 (4.72)	.154 (3.91)	.158 (4.01)	0.4	6000
4	571-4186 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.050 (1.27)	.080 (2.03)	.040 (1.02)	.040 (1.02)	.060 (1.52)	.020 (0.51)	.150 (3.81)	.120 (3.05)	.136 (3.45)	0.4	3000
	-02	.125 (3.18)	.031 (0.79) to .085 (2.16)									.125 (3.18)	.095 (2.41)		0.4	3000
	-03	.165 (4.19)	.031 (0.79) to .125 (3.18)									.194 (4.93)	.164 (4.17)		0.4	3000
5	571-4179 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.125 (3.18)	.095 (2.41)	.080 (2.03)	.040 (1.02)	.040 (1.02)	.060 (1.52)	.020 (0.51)	.085 (2.16)	.055 (1.40)	.136 (3.45)	0.4	3000
6	571-4232 -01	.275 (6.99)	.031 (0.79) to .234 (5.94)	.250 (6.35)	.125 (3.18)	.063 (1.60)	.125 (3.18)	.050 (1.27)	.050 (1.27)	.065 (1.65)	.031 (0.79)	215 (5.46)	.183 (4.65)	.158 (4.01)	0.45	7000
	571-4233 -01	.400 (10.16)	.031 (0.79) to .250 (6.35)	.375 (9.53)	.125 (3.18)	.063 (1.60)	.125 (3.18)	.050 (1.27)	.050 (1.27)	.065 (1.65)	.031 (0.79)	215 (5.46)	.183 (4.65)	.158 (4.01)	0.45	9000
7	571-4234 -01	.212 (5.38)	.031 (0.79) to .172 (4.37)	.188 (4.78)	.125 (3.18)	.063 (1.60)	.125 (3.18)	.050 (1.27)	.050 (1.27)	.065 (1.65)	.031 (0.79)	215 (5.46)	.183 (4.65)	.158 (4.01)	0.4	6000
	571-4235 -01	.275 (6.99)	.031 (0.79) to .234 (5.94)	.250 (6.35)	.125 (3.18)	.063 (1.60)	.125 (3.18)	.050 (1.27)	.050 (1.27)	.065 (1.65)	.031 (0.79)	215 (5.46)	.183 (4.65)	.158 (4.01)	0.5	7000

Other colours available, consult factory.

SOLDER TERMINALS - PTFE INSULATED, PRESS MOUNT, FEEDTHROUGH

Dimensions in inches (mm)
See page 89 for Mounting Instructions



How to order code

571 - 42XX - 01 - XX - 19

Basic Part No. | Insulator Colour | Terminal Finish

Material Code Table		
Component	Material	RoHS
Insulator	PTFE	✓
Terminal	Brass	✓

Finish Code Table		
Dash No.	Terminal Finish	RoHS
-01	Silver	✓
-04	Electro-Tin	✓
-05	Electro-Solder	X

Insulation Colour Code Table	
Dash No.	Colour
-19	White

Fig.	Basic Part No.	L	Board Thickness	A	B	C	E	F	G	H	Mtg. Hole Diameter	Capacitance (pF)	Flashover VRMS at Sea Level
1	571-4251 -01	.212 (5.38)	.031 (0.79) to .172 (4.37)	.188 (4.78)	.203 (5.16)	.161 (4.09)	.030 (0.76)	.218 (5.54)	.186 (4.72)	.036 (0.91)	.158 (4.01)	0.4	6000
	571-4253 -01	.400 (10.16)	.031 (0.79) to .250 (6.35)	.375 (9.53)	.203 (5.16)	.161 (4.09)	.030 (0.76)	.219 (5.56)	.187 (4.75)	.036 (0.91)	.158 (4.01)	0.5	9000
2	571-4254 -01	.212 (5.38)	.031 (0.79) to .172 (4.37)	.188 (4.78)	.203 (5.16)	.161 (4.09)	.030 (0.76)	.218 (5.54)	.186 (4.72)	.036 (0.91)	.158 (4.01)	0.4	6000
	571-4256 -01	.400 (10.16)	.031 (0.79) to .250 (6.35)	.375 (9.53)	.203 (5.16)	.161 (4.09)	.030 (0.76)	.219 (5.56)	.187 (4.75)	.036 (0.91)	.158 (4.01)	0.5	9000
	571-4262 -01	.400 (10.16)	.031 (0.79) to .250 (6.35)	.375 (9.53)	.203 (5.16)	.156 (3.96)	.046 (1.17)	.219 (5.56)	.187 (4.75)	.064 (1.63)	.158 (4.01)	0.5	9000
3	571-4267 -01	.215 (5.46)	.062 (1.57) to .125 (3.18)	.062 (1.57)	.218 (5.54)	.156 (3.96)	.040 (1.02)	.236 (5.99)	.093 (2.36)	.050 (1.27)	.203 (5.16)	0.6	4100

Other colours available, consult factory.

Filtered Terminal

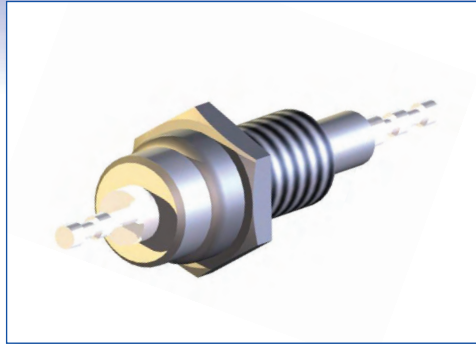
A re-engineering of the standard Cambion 12-28 thread mounted feedthrough terminal now allows greater design choice in terms of capacitance values, tolerances and EMC suppression. Expanding on the standard 1,000pF and 1,500pF values, the terminal can now be offered in any industry recognised capacitance value to tight tolerances. Additionally it can be supplied in Pi or T format filters.

A mounting hardware kit consisting of a lock washer and hex nut is supplied unassembled.



SOLDER TERMINALS - PTFE FEEDTHROUGH INSULATED, THREAD MOUNT

Dimensions in inches (mm)

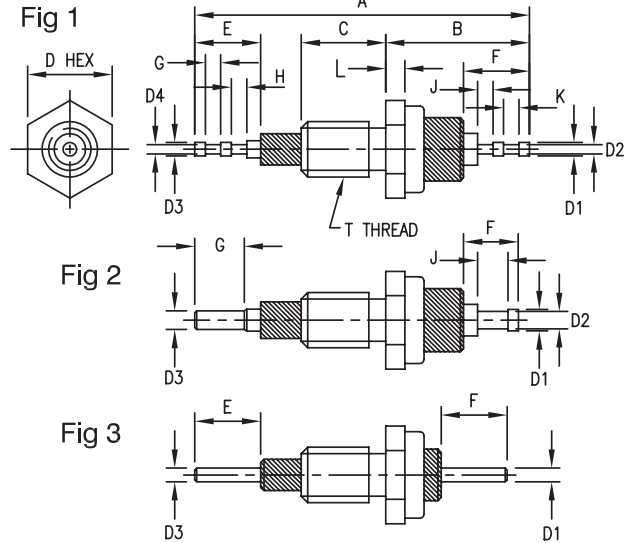


How to order code

570 - XXXX - XX - XX - 19

Basic Part No.

Insulator Colour
Terminal Finish



Material Code Table		
Component	Material	RoHS
Mounting Hex Nut	Brass	✓
Internal Tooth Lockwasher	Phosphor Bronze	✓
Insulator	PTFE	✓
Mounting Stud	Brass	✓
Terminal	Brass	✓

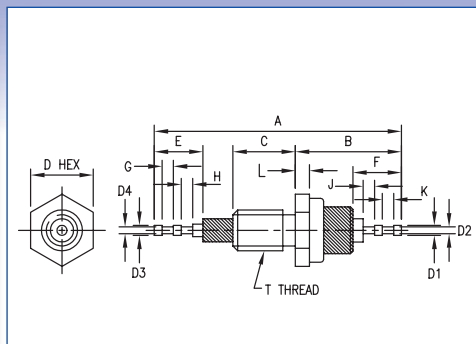
Finish Code Table					
Dash No.	Terminal Finish	Mtg. Stud Finish	Mtg. Hex Nut Finish	Lock Washer Finish	RoHS
-01	Silver	Nickel	Nickel	Nickel	✓
-05	Electro-Solder	Nickel	Nickel	Nickel	X

Insulation Colour Code Table	
Dash No.	Colour
-19	White

Fig.	Basic Part No.	A	B Max.	C	D	D1	D2	D3	D4	E	F
1	570-2642 -01	.878 (22.30)	.368 (9.35)	.250 (6.35)	.188 (4.78)	.040 (1.02)	.027 (0.69)	.040 (1.02)	.027 (0.69)	.197 (5.00)	.195 (4.95)
	570-2641 -01	.990 (25.15)	.425 (10.80)	.250 (6.35)	.250 (6.35)	.040 (1.02)	.027 (0.69)	.040 (1.02)	.027 (0.69)	.195 (4.95)	.195 (4.95)
	570-2640 -01	.990 (25.15)	.425 (10.80)	.250 (6.35)	.312 (7.92)	.062 (1.57)	.046 (1.17)	.062 (1.57)	.046 (1.17)	.229 (5.82)	.195 (4.95)
2	570-1502 -01	.690 (17.53)	.296 (7.52)	.225 (5.72)	.250 (6.35)	.082 (2.08)	.062 (1.57)	.062 (1.57)	-	.121 (3.07)	.163 (4.14)
	570-2643 -01	.590 (14.99)	.262 (6.65)	.200 (5.08)	.156 (3.96)	.029 (0.74)	-	.029 (0.74)	-	.095 (2.41)	.085 (2.16)
3	-02	.640 (16.26)		.250 (6.35)							

Fig.	Basic Part No.	G	H	J	K	L	T	IR (VRMS)
1	570-2642 -01	.046 (1.17)	.046 (1.17)	.046 (1.17)	.046 (1.17)	.046 (1.17)	6-32	600
	570-2641 -01	.046 (1.17)	.047 (1.19)	.046 (1.17)	.046 (1.17)	.050 (1.27)	8-32	1500
	570-2640 -01	.046 (1.17)	.046 (1.17)	.046 (1.17)	.046 (1.17)	.050 (1.27)	10-32	1800
2	570-1502 -01	.100 (2.54)	-	.101 (2.57)	-	.040 (1.02)	12-28	2000
3	570-2643 -01	-	-	-	-	.065 (1.65)	4-40	600
	-02							

SOLDER TERMINALS - CERAMIC INSULATED, FEEDTHROUGH, THREAD MOUNT



Dimensions in inches (mm)

How to order code

570 - XXXX - 01 - XX - 00

Basic Part No.

Terminal Finish

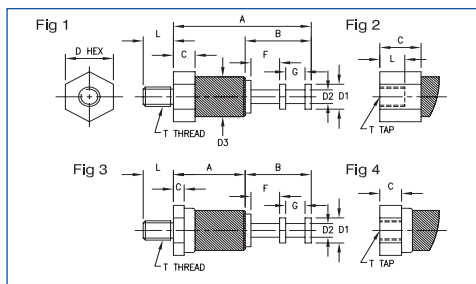
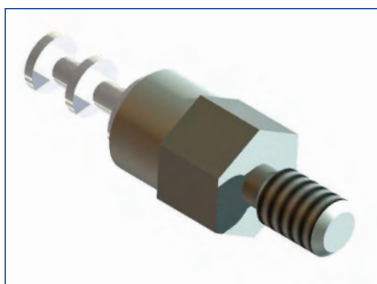
Material Code Table		
Component	Material	RoHS
Mounting Hex Nut	Brass	✓
Internal Tooth Lockwasher	Phosphor Bronze	✓
Insulator	Ceramic	✓
Mounting Stud	Brass	✓
Terminal	Brass	✓

Finish Code Table					
Dash No.	Terminal Finish	Mtg. Stud Finish	Mtg. Hex Nut Finish	Lock Washer Finish	RoHS
-01	Silver	Nickel	Nickel	Nickel	✓
-05	Electro-Solder	Nickel	Nickel	Nickel	X

Basic Part No.	A	B Max.	C	D	D1	D2	D3	D4	E	F
570-2012 -01	1.307 (33.20)	.559 (14.20)	.375 (9.53)	.500 (12.70)	.080 (2.03)	.050 (1.27)	.080 (2.03)	.050 (1.27)	.285 (7.24)	.282 (7.16)
570-1990 -01	.923 (23.44)	.383 (9.73)	.250 (6.35)	.375 (9.53)	.062 (1.57)	.043 (1.09)	.062 (1.57)	.043 (1.09)	.198 (5.03)	.184 (4.67)

Basic Part No.	G	H	J	K	L	T	IR (VRMS)
570-2012 -01	.093 (2.36)	.105 (2.67)	.093 (2.36)	.093 (2.36)	.062 (1.57)	3/8-32	3000
570-1990 -01	.046 (1.17)	.065 (1.65)	.054 (1.37)	.046 (1.17)	.050 (1.27)	1/4-28	2500

SOLDER TERMINALS - PTFE INSULATED, STAND OFF, THREAD MOUNT



Dimensions in inches (mm)

How to order code

570 - XXXX - XX - XX - 19

Basic Part No.

Insulator Colour
Terminal Finish

Material Code Table		
Component	Material	RoHS
Insulator	PTFE	✓
Mounting Stud	Brass	✓
Terminal	Brass	✓

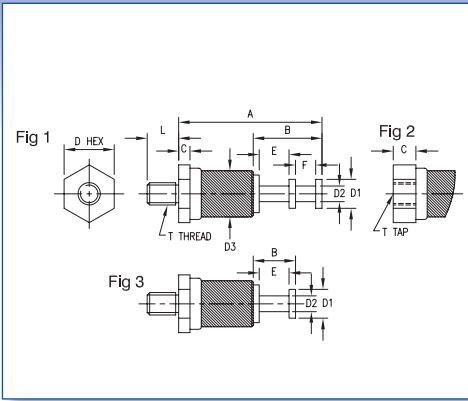
Finish Code Table			
Dash No.	Terminal Finish	Mtg. Stud Finish	RoHS
-01	Silver	Cadmium	X
-05	Electro-Solder	Cadmium	X
-21	Silver	Nickel	✓

Insulation Colour Code Table	
Dash No.	Colour
-19	White

Fig.	Basic Part No.	L	A	B	C	D	D1	D2	D3	F	G	T	IR (VRMS)
1	570-1503 -01	.250 (6.35)	.500 (12.70)	.147 (3.73)	.128 (3.25)	.156 (3.96)	.066 (1.68)	.045 (1.14)	.125 (3.18)	.062 (1.57)	.031 (0.79)	4-40	3500
	570-1504 -01	.250 (6.35)	.640 (16.26)	.304 (7.72)	.180 (4.57)	.250 (6.35)	.140 (3.56)	.069 (1.75)	.245 (6.22)	.129 (3.28)	.100 (2.54)	6-32	3300
2	570-1510 -01	.100 (2.54)	.546 (13.87)	.147 (3.73)	.181 (4.60)	.156 (3.96)	.066 (1.68)	.045 (1.14)	.125 (3.18)	.062 (1.57)	.031 (0.79)	4-40	3500
	570-1511 -01	.156 (3.96)	.718 (18.24)	.304 (7.72)	.258 (6.55)	.250 (6.35)	.140 (3.56)	.069 (1.75)	.245 (6.22)	.129 (3.28)	.100 (2.54)	6-32	3300
3	570-1945 -01	.250 (6.35)	.334 (8.48)	.228 (5.79)	.062 (1.57)	.312 (7.92)	.093 (2.36)	.046 (1.17)	.250 (6.35)	.093 (2.36)	.063 (1.60)	6-32	5000
	-02	.375 (9.53)											
4	570-1947 -01	.125 (3.18)	.401 (10.19)	.228 (5.79)	.125 (3.18)	.312 (7.92)	.093 (2.36)	.046 (1.17)	.250 (6.35)	.093 (2.36)	.063 (1.60)	4-40	5000
	-02											6-32	

SOLDER TERMINALS - CERAMIC INSULATED, STAND OFF

Dimensions in inches (mm)



How to order code

570 - XXXX - XX - XX - 00

Basic Part No. | Terminal Finish

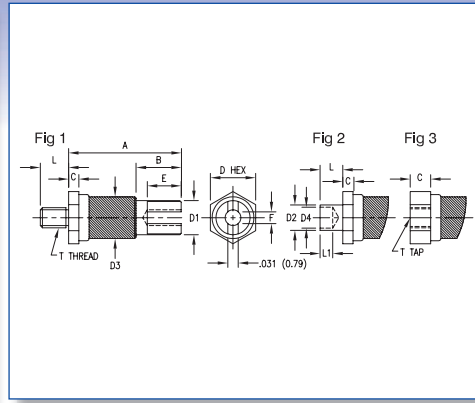
Material Code Table		
Component	Material	RoHS
Insulator	Ceramic	✓
Mounting Stud	Brass	✓
Terminal	Brass	✓

Finish Code Table			
Dash No.	Terminal Finish	Mtg. Stud Finish	RoHS
-01	Silver	Cadmium	X
-05	Electro-Solder		
-21	Silver	Nickel	✓

Fig.	Basic Part No.	L	A	B	C	D	D1	D2	D3	F	G	T	IR (VRMS)
1	570-2045 -01*	.250 (6.35)	.545 (13.84)	.219 (5.56)	.046 (1.17)	.250 (6.35)	.093 (2.36)	.046 (1.17)	.187 (4.75)	.093 (2.36)	.063 (1.60)	4-40	2500
	-02*	.375 (9.53)											
	570-1942 -01*	.250 (6.35)	.561 (14.25)	.219 (5.56)	.062 (1.57)	.312 (7.92)	.093 (2.36)	.046 (1.17)	.245 (6.22)	.093 (2.36)	.063 (1.60)	6-32	4000
	-02*	.375 (9.53)											
	570-1994 -01	.250 (6.35)	.706 (17.93)	.359 (9.12)	.062 (1.57)	.312 (7.92)	.142 (3.61)	.065 (1.65)	.245 (6.22)	.151 (3.84)	.099 (2.51)	6-32	4000
	-02	.375 (9.53)											
2	570-3650 -01	-	.624 (15.85)	.219 (5.56)	.125 (3.18)	.250 (6.35)	.093 (2.36)	.046 (1.17)	.187 (4.75)	.093 (2.36)	.063 (1.60)	4-40	2500
	-02											6-32	
	570-3648 -01	-	.624 (15.85)	.219 (5.56)	.125 (3.18)	.312 (7.92)	.093 (2.36)	.046 (1.17)	.245 (6.22)	.093 (2.36)	.063 (1.60)	4-40	4000
	-02											6-32	
3	570-1980 -01	.093 (2.36)	.383 (9.73)	.156 (3.96)	.040 (1.02)	.188 (4.78)	.094 (2.39)	.046 (1.17)	.142 (3.61)	.109 (2.77)	-	3-48	2500
	-02	.125 (3.18)											
	-03	.156 (3.96)											
	-04	.188 (4.78)											
	-05	.250 (6.35)											
	570-1983 -02	.125 (3.18)	.446 (11.33)	.156 (3.96)	.040 (1.02)	.188 (4.78)	.094 (2.39)	.046 (1.17)	.142 (3.61)	.109 (2.77)	-	3-48	4000
	-03	.156 (3.96)											
	-04	.188 (4.78)											
	570-1992 -02	.125 (3.18)	.508 (12.90)	.156 (3.96)	.040 (1.02)	.188 (4.78)	.094 (2.39)	.046 (1.17)	.142 (3.61)	.109 (2.77)	-	3-48	5000
-03	.156 (3.96)												
-04	.188 (4.78)												
570-1995 -01	.250 (6.35)	.588 (14.94)	.235 (5.97)	.062 (1.57)	.312 (7.92)	.142 (3.61)	.065 (1.65)	.245 (6.22)	.157 (3.99)	-	6-32	4000	
-02	.375 (9.53)												

*Supplied with unassembled nut & lock washer

SOLDER TERMINALS - CERAMIC INSULATED, STAND OFF



Dimensions in inches (mm)
See page 92 for recommended Anvil and Punch

How to order code

570 - 2XXX - XX - XX - 00

Basic Part No. ↓

↓ Terminal Finish

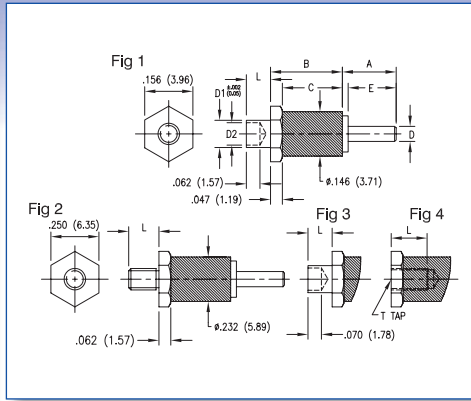
Material Code Table		
Component	Material	RoHS
Insulator	Ceramic	✓
Mounting Stud	Brass	✓
Terminal	Brass	✓

Finish Code Table			
Dash No.	Terminal Finish	Mtg. Stud Finish	RoHS
-01	Silver	Cadmium	X
-05	Electro-Solder		
-21	Silver	Nickel	✓

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	D4	E	F	L1	T	IR (VRMS)		
1	570-2430	-01	.250 (6.35)	-	.522 (13.26)	.192 (4.88)	.046 (1.17)	.250 (6.35)	.141 (3.58)	-	.187 (4.75)	-	.130 (3.30)	.046 (1.17)	-	4-40	2500	
		-02	.375 (9.53)	-	.522 (13.26)	.192 (4.88)	.046 (1.17)	.250 (6.35)	.141 (3.58)	-	.187 (4.75)	-	.130 (3.30)	.046 (1.17)	-	4-40	2500	
1	570-2382	-01	.250 (6.35)	-	.561 (14.25)	.218 (5.54)	.062 (1.57)	.312 (7.92)	.156 (3.96)	-	.245 (6.22)	-	.156 (3.96)	.040 (1.02)	-	6-32	4000	
		-02	.375 (9.53)	-	.561 (14.25)	.218 (5.54)	.062 (1.57)	.312 (7.92)	.156 (3.96)	-	.245 (6.22)	-	.156 (3.96)	.040 (1.02)	-	6-32	4000	
2	570-2431	-01	.062 (1.57)	.031 (0.79)	.522 (13.26)	.192 (4.88)	.046 (1.17)	.250 (6.35)	.141 (3.58)	.141 (3.58)	.187 (4.75)	.116 (2.95)	.130 (3.30)	.046 (1.17)	.062 (1.57)	-	2500	
		-02	.094 (2.39)	.062 (1.57)	.522 (13.26)	.192 (4.88)	.046 (1.17)	.250 (6.35)	.141 (3.58)	.141 (3.58)	.187 (4.75)	.116 (2.95)	.130 (3.30)	.046 (1.17)	.062 (1.57)	-	2500	
		-03	.105 (2.67)	.078 (1.98)	.522 (13.26)	.192 (4.88)	.046 (1.17)	.250 (6.35)	.141 (3.58)	.141 (3.58)	.187 (4.75)	.116 (2.95)	.130 (3.30)	.046 (1.17)	.093 (2.36)	-	2500	
		-04	.125 (3.18)	.094 (2.39)	.522 (13.26)	.192 (4.88)	.046 (1.17)	.250 (6.35)	.141 (3.58)	.141 (3.58)	.187 (4.75)	.116 (2.95)	.130 (3.30)	.046 (1.17)	.109 (2.77)	-	2500	
		-05	.156 (3.96)	.125 (3.18)	.522 (13.26)	.192 (4.88)	.046 (1.17)	.250 (6.35)	.141 (3.58)	.141 (3.58)	.187 (4.75)	.116 (2.95)	.130 (3.30)	.046 (1.17)	.109 (2.77)	-	2500	
	2	570-2383	-01	.062 (1.57)	.031 (0.79)	.561 (14.25)	.218 (5.54)	.062 (1.57)	.312 (7.92)	.156 (3.96)	.187 (4.75)	.245 (6.22)	.154 (3.91)	.156 (3.96)	.040 (1.02)	.062 (1.57)	-	4000
			-02	.094 (2.39)	.062 (1.57)	.561 (14.25)	.218 (5.54)	.062 (1.57)	.312 (7.92)	.156 (3.96)	.187 (4.75)	.245 (6.22)	.154 (3.91)	.156 (3.96)	.040 (1.02)	.062 (1.57)	-	4000
			-03	.105 (2.67)	.078 (1.98)	.561 (14.25)	.218 (5.54)	.062 (1.57)	.312 (7.92)	.156 (3.96)	.187 (4.75)	.245 (6.22)	.154 (3.91)	.156 (3.96)	.040 (1.02)	.093 (2.36)	-	4000
			-04	.125 (3.18)	.094 (2.39)	.561 (14.25)	.218 (5.54)	.062 (1.57)	.312 (7.92)	.156 (3.96)	.187 (4.75)	.245 (6.22)	.154 (3.91)	.156 (3.96)	.040 (1.02)	.109 (2.77)	-	4000
			-05	.156 (3.96)	.125 (3.18)	.561 (14.25)	.218 (5.54)	.062 (1.57)	.312 (7.92)	.156 (3.96)	.187 (4.75)	.245 (6.22)	.154 (3.91)	.156 (3.96)	.040 (1.02)	.109 (2.77)	-	4000
3	570-2432	-01	-	-	.601 (15.27)	.192 (4.88)	.125 (3.18)	.250 (6.35)	.141 (3.58)	-	.187 (4.75)	-	.130 (3.30)	.046 (1.17)	-	4-40	2500	
		-02	-	-	.601 (15.27)	.192 (4.88)	.125 (3.18)	.250 (6.35)	.141 (3.58)	-	.187 (4.75)	-	.130 (3.30)	.046 (1.17)	-	6-32	2500	
3	570-2384	-01	-	-	.624 (15.85)	.218 (5.54)	.062 (1.57)	.312 (7.92)	.156 (3.96)	-	.245 (6.22)	-	.156 (3.96)	.040 (1.02)	-	4-40	4000	
		-02	-	-	.624 (15.85)	.218 (5.54)	.062 (1.57)	.312 (7.92)	.156 (3.96)	-	.245 (6.22)	-	.156 (3.96)	.040 (1.02)	-	6-32	4000	

SOLDER TERMINALS - MOULDED DAP, PIN

Dimensions in inches (mm)
See page 92 for recommended Anvil and Punch



How to order code

572 - 48XX - XX - XX - 16

Basic Part No. | Insulator Colour | Terminal Finish

Material Code Table		
Component	Material	RoHS
Insulator	Diallyl	✓
Mounting Stud	Brass	✓
Terminal	Brass	✓

Finish Code Table			
Dash No.	Terminal Finish	Mtg. Stud Finish	RoHS
-01	Silver	Cadmium	X
-05	Electro-Solder	Cadmium	X
-21	Silver	Nickel	✓

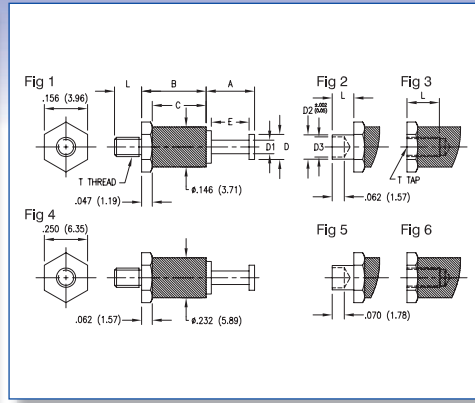
Insulation Colour Code Table	
Dash No.	Colour
-16	Blue

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	E	T	IR (RMS)
1	572-4892 -01	.094 (2.39)	.062 (1.57)	.188 (4.78)	.391 (9.93)	.344 (8.74)	.060 (1.52)	.078 (1.98)	.067 (1.70)	.168 (4.27)	-	3000
	-02	.125 (3.18)	.094 (2.39)									
2	572-4846 -01	.219 (5.56)	-	.290 (7.37)	.375 (9.53)	.313 (7.95)	.070 (1.78)	-	-	.250 (6.35)	4-40	6000
	572-4852 -01	.219 (5.56)	-	.290 (7.37)	.593 (15.06)	.531 (13.49)	.070 (1.78)	-	-	.250 (6.35)	4-40	6000
3	572-4848 -01	.094 (2.39)	.062 (1.57)	.290 (7.37)	.375 (9.53)	.313 (7.95)	.070 (1.78)	.098 (2.49)	.064 (1.63)	.250 (6.35)	-	6000
	-02	.125 (3.18)	.094 (2.39)									
	-03	.156 (3.96)	.125 (3.18)									
	-04	.234 (5.94)	.188 (4.78)									
4	572-4850 -01	.156 (3.96)	-	.290 (7.37)	.375 (9.53)	.313 (7.95)	.070 (1.78)	-	-	.250 (6.35)	4-40	6000
	572-4851 -01	.156 (3.96)	-	.290 (7.37)	.375 (9.53)	.313 (7.95)	.070 (1.78)	-	-	.250 (6.35)	6-32	6000

Colours available for volume requirements



SOLDER TERMINALS - MOULDED DAP, SINGLE TURRET



Dimensions in inches (mm)
See page 92 for recommended Anvil and Punch

How to order code

572 - 4XXX - XX - XX - 16

Basic Part No. | Insulator Colour | Terminal Finish

Material Code Table		
Component	Material	RoHS
Insulator	Diallyl	✓
Mounting Stud	Brass	✓
Terminal	Brass	✓

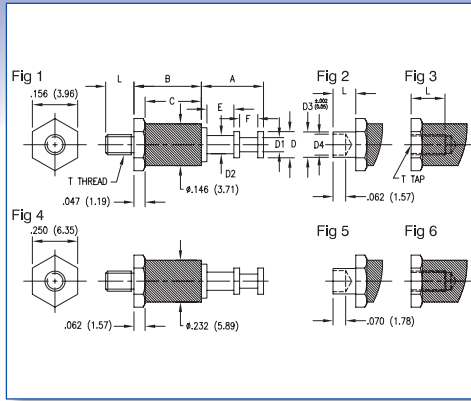
Finish Code Table			
Dash No.	Terminal Finish	Mtg. Stud Finish	RoHS
-01	Silver	Cadmium	X
-05	Electro-Solder	Cadmium	X
-21	Silver	Nickel	✓

Insulation Colour Code Table	
Dash No.	Colour
-16	Blue

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	E	T	IR (RMS)
1	572-4870 -01	.125 (3.18)	-	.156 (3.96)	.235 (5.97)	.188 (4.78)	.072 (1.83)	.047 (1.19)	-	-	.116 (2.95)	2-56	3000
	-02	.188 (4.78)	-										
	-03	.250 (6.35)	-										
	572-4876 -01	.125 (3.18)	-	.219 (5.56)	.235 (5.97)	.188 (4.78)	.072 (1.83)	.047 (1.19)	-	-	.179 (4.55)	2-56	3000
	-02	.188 (4.78)	-										
	-03	.250 (6.35)	-										
2	572-4894 -01*	.218 (5.54)	-	.156 (3.96)	.216 (5.56)	.172 (4.37)	.093 (2.36)	.055 (1.40)	-	-	.116 (2.95)	2-56	3000
	572-4895 -01*	.218 (5.54)	-	.156 (3.96)	.376 (9.55)	.329 (8.36)	.093 (2.36)	.055 (1.40)	-	-	.116 (2.95)	2-56	6000
	572-4900 -01	.118 (3.00)	-	.156 (3.96)	.238 (6.04)	.191 (4.85)	.072 (1.83)	.047 (1.19)	-	-	.116 (2.95)	M2 x 0.4	3000
	-02	.197 (5.00)	-										
	572-4903 -01	.118 (3.00)	-	.219 (5.56)	.238 (6.04)	.191 (4.85)	.072 (1.83)	.047 (1.19)	-	-	.179 (4.55)	M2 x 0.4	3000
	-02	.197 (5.00)	-										
3	572-4877 -01	.094 (2.39)	.062 (1.57)	.219 (5.56)	.235 (5.97)	.188 (4.78)	.072 (1.83)	.047 (1.19)	.078 (1.98)	.067 (1.70)	.179 (4.55)	-	3000
	-02	.125 (3.18)	.094 (2.39)										
	572-4901 -02	.094 (2.39)	.062 (1.57)	.156 (3.96)	.238 (6.04)	.191 (4.85)	.072 (1.83)	.047 (1.19)	.078 (1.98)	.067 (1.70)	.116 (2.95)	-	3000
	-03	.125 (3.18)	.094 (2.39)										
4	572-4904 -02	.094 (2.39)	.062 (1.57)	.219 (5.56)	.238 (6.04)	.191 (4.85)	.072 (1.83)	.047 (1.19)	.078 (1.98)	.067 (1.70)	.179 (4.55)	-	3000
	-03	.125 (3.18)	.094 (2.39)										
	572-4872 -01	.078 (1.98)	-	.156 (3.96)	.235 (5.97)	.188 (4.78)	.072 (1.83)	.047 (1.19)	-	-	.116 (2.95)	2-56	3000
	572-4875 -01	.117 (2.97)	-	.156 (3.96)	.391 (9.93)	.344 (8.74)	.072 (1.83)	.047 (1.19)	-	-	.116 (2.95)	2-56	3000
	572-4878 -01	.078 (1.98)	-	.219 (5.56)	.235 (5.97)	.188 (4.78)	.072 (1.83)	.047 (1.19)	-	-	.179 (4.55)	2-56	3000
	572-4881 -01	.117 (2.97)	-	.219 (5.56)	.391 (9.93)	.344 (8.74)	.072 (1.83)	.047 (1.19)	-	-	.179 (4.55)	2-56	3000
5	572-4902 -01	.079 (2.00)	-	.156 (3.96)	.238 (6.04)	.191 (4.85)	.072 (1.83)	.047 (1.19)	-	-	.116 (2.95)	M2 x 0.4	3000
	572-4905 -01	.079 (2.00)	-	.219 (5.56)	.238 (6.04)	.191 (4.85)	.072 (1.83)	.047 (1.19)	-	-	.179 (4.55)	M2 x 0.4	3000
	572-4834 -01	.219 (5.56)	-	.219 (5.56)	.375 (9.53)	.312 (7.92)	.140 (3.56)	.062 (1.57)	-	-	.147 (3.73)	4-40	6000
	572-4835 -01	.219 (5.56)	-	.219 (5.56)	.375 (9.53)	.312 (7.92)	.140 (3.56)	.062 (1.57)	-	-	.147 (3.73)	6-32	6000
	-02	.250 (6.35)	-										
	-03	.375 (9.53)	-										
6	572-4842 -01	.094 (2.39)	.062 (1.57)	.219 (5.56)	.594 (15.09)	.531 (13.49)	.140 (3.56)	.062 (1.57)	.098 (2.49)	.064 (1.63)	.147 (3.73)	-	6000
	-02	.125 (3.18)	.094 (2.39)										
	-03	.156 (3.96)	.125 (3.18)										
	-04	.234 (5.94)	.188 (4.78)										
	572-4843 -01	.094 (2.39)	.062 (1.57)	.219 (5.56)	.594 (15.09)	.531 (13.49)	.140 (3.56)	.062 (1.57)	.141 (3.58)	.116 (2.95)	.147 (3.73)	-	6000
	-02	.125 (3.18)	.094 (2.39)										
6	572-4838 -01	.156 (3.96)	-	.219 (5.56)	.375 (9.53)	.312 (7.92)	.140 (3.56)	.062 (1.57)	-	-	.147 (3.73)	4-40	6000
	572-4839 -01	.156 (3.96)	-	.219 (5.56)	.375 (9.53)	.312 (7.92)	.140 (3.56)	.062 (1.57)	-	-	.147 (3.73)	6-32	6000
	572-4844 -01	.219 (5.56)	-	.219 (5.56)	.594 (15.09)	.531 (13.49)	.140 (3.56)	.062 (1.57)	-	-	.147 (3.73)	4-40	6000

*Supplied with unassembled nut & lock washer

SOLDER TERMINALS - MOULDED DAP, TWIN TURRET



Dimensions in inches (mm)
See page 92 for recommended Anvil and Punch

How to order code

572 - 4XXX - XX - XX - 16

Basic Part No. | Insulator Colour | Terminal Finish

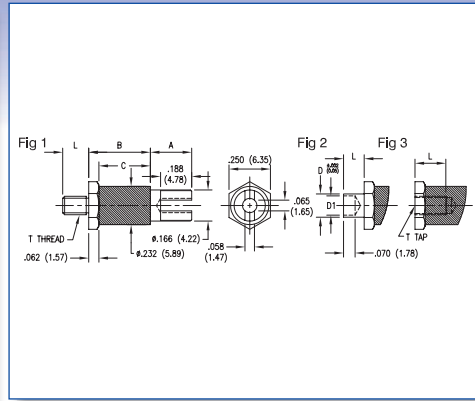
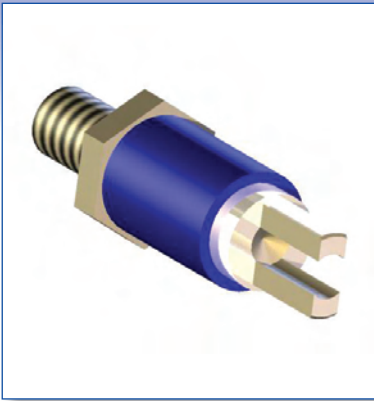
Material Code Table		
Component	Material	RoHS
Insulator	Diallyl	✓
Mounting Stud	Brass	✓
Terminal	Brass	✓

Finish Code Table			
Dash No.	Terminal Finish	Mtg. Stud Finish	RoHS
-01	Silver	Cadmium	X
-05	Electro-Solder	Cadmium	X
-21	Silver	Nickel	✓

Insulation Colour Code Table	
Dash No.	Colour
-16	Blue

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	D4	E	F	T	IR (RMS)
1	572-4882 -01	.125 (3.18)	-	.156 (3.96)	.234 (5.94)	.188 (4.78)	.072 (1.83)	.047 (1.19)	.047 (1.19)	-	-	.048 (1.22)	.048 (1.22)	2-56	3000
	572-4882 -02	.188 (4.78)	-	.156 (3.96)	.234 (5.94)	.188 (4.78)	.072 (1.83)	.047 (1.19)	.047 (1.19)	-	-	.048 (1.22)	.048 (1.22)	2-56	3000
2	572-4906 -01	.118 (3.00)	-	.156 (3.96)	.238 (6.04)	.191 (4.85)	.072 (1.83)	.047 (1.19)	.047 (1.19)	-	-	.048 (1.22)	.048 (1.22)	M2 x 0.4	3000
	572-4906 -02	.197 (5.00)	-	.156 (3.96)	.238 (6.04)	.191 (4.85)	.072 (1.83)	.047 (1.19)	.047 (1.19)	-	-	.048 (1.22)	.048 (1.22)	M2 x 0.4	3000
3	572-4883 -01	.094 (2.39)	.062 (1.57)	.156 (3.96)	.234 (5.94)	.188 (4.78)	.072 (1.83)	.047 (1.19)	.047 (1.19)	.078 (1.98)	.067 (1.70)	.048 (1.22)	.048 (1.22)	-	3000
	572-4886 -01	.094 (2.39)	.062 (1.57)	.156 (3.96)	.391 (9.93)	.344 (8.74)	.072 (1.83)	.047 (1.19)	.047 (1.19)	.078 (1.98)	.067 (1.70)	.048 (1.22)	.048 (1.22)	-	3000
	572-4907 -02	.125 (3.18)	.094 (2.39)	.156 (3.96)	.238 (6.04)	.191 (4.85)	.072 (1.83)	.047 (1.19)	.047 (1.19)	.078 (1.98)	.067 (1.70)	.048 (1.22)	.048 (1.22)	-	3000
4	572-4884 -01	.078 (1.98)	-	.156 (3.96)	.234 (5.94)	.188 (4.78)	.072 (1.83)	.047 (1.19)	.047 (1.19)	-	-	.048 (1.22)	.048 (1.22)	2-56	3000
	572-4887 -01	.117 (2.97)	-	.156 (3.96)	.391 (9.93)	.344 (8.74)	.072 (1.83)	.047 (1.19)	.047 (1.19)	-	-	.048 (1.22)	.048 (1.22)	2-56	3000
	572-4908 -01	.079 (2.00)	-	.156 (3.96)	.238 (6.04)	.191 (4.85)	.072 (1.83)	.047 (1.19)	.047 (1.19)	-	-	.048 (1.22)	.048 (1.22)	M2 x 0.4	3000
5	572-4810 -01	.219 (5.56)	-	.344 (8.74)	.375 (9.53)	.312 (7.92)	.140 (3.56)	.062 (1.57)	.078 (1.98)	-	-	.148 (3.76)	.094 (2.39)	4-40	6000
	572-4811 -01	.219 (5.56)	-	.344 (8.74)	.375 (9.53)	.312 (7.92)	.140 (3.56)	.062 (1.57)	.078 (1.98)	-	-	.148 (3.76)	.094 (2.39)	6-32	6000
	572-4811 -02	.250 (6.35)	-	.344 (8.74)	.375 (9.53)	.312 (7.92)	.140 (3.56)	.062 (1.57)	.078 (1.98)	-	-	.148 (3.76)	.094 (2.39)	4-40	6000
	572-4811 -03	.375 (9.53)	-	.344 (8.74)	.375 (9.53)	.312 (7.92)	.140 (3.56)	.062 (1.57)	.078 (1.98)	-	-	.148 (3.76)	.094 (2.39)	4-40	6000
	572-4816 -01	.219 (5.56)	-	.344 (8.74)	.594 (15.09)	.531 (13.49)	.140 (3.56)	.062 (1.57)	.078 (1.98)	-	-	.148 (3.76)	.094 (2.39)	4-40	6000
	572-4822 -01	.219 (5.56)	-	.219 (5.56)	.375 (9.53)	.312 (7.92)	.093 (2.36)	.047 (1.19)	.047 (1.19)	-	-	.093 (2.36)	.063 (1.60)	4-40	6000
6	572-4823 -01	.219 (5.56)	-	.219 (5.56)	.375 (9.53)	.312 (7.92)	.093 (2.36)	.047 (1.19)	.047 (1.19)	-	-	.093 (2.36)	.063 (1.60)	6-32	6000
	572-4823 -02	.250 (6.35)	-	.219 (5.56)	.375 (9.53)	.312 (7.92)	.093 (2.36)	.047 (1.19)	.047 (1.19)	-	-	.093 (2.36)	.063 (1.60)	4-40	6000
	572-4823 -03	.375 (9.53)	-	.219 (5.56)	.375 (9.53)	.312 (7.92)	.093 (2.36)	.047 (1.19)	.047 (1.19)	-	-	.093 (2.36)	.063 (1.60)	4-40	6000
	572-4812 -01	.094 (2.39)	.062 (1.57)	.344 (8.74)	.375 (9.53)	.312 (7.92)	.140 (3.56)	.062 (1.57)	.078 (1.98)	.098 (2.49)	.064 (1.63)	.148 (3.76)	.094 (2.39)	-	6000
7	572-4812 -02	.125 (3.18)	.094 (2.39)	.344 (8.74)	.375 (9.53)	.312 (7.92)	.140 (3.56)	.062 (1.57)	.078 (1.98)	.098 (2.49)	.064 (1.63)	.148 (3.76)	.094 (2.39)	-	6000
	572-4812 -03	.156 (3.96)	.125 (3.18)	.344 (8.74)	.375 (9.53)	.312 (7.92)	.140 (3.56)	.062 (1.57)	.078 (1.98)	.098 (2.49)	.064 (1.63)	.148 (3.76)	.094 (2.39)	-	6000
	572-4812 -04	.234 (5.94)	.188 (4.78)	.344 (8.74)	.375 (9.53)	.312 (7.92)	.140 (3.56)	.062 (1.57)	.078 (1.98)	.098 (2.49)	.064 (1.63)	.148 (3.76)	.094 (2.39)	-	6000
	572-4813 -01	.094 (2.39)	.062 (1.57)	.344 (8.74)	.375 (9.53)	.312 (7.92)	.140 (3.56)	.062 (1.57)	.078 (1.98)	.141 (3.58)	.116 (2.95)	.148 (3.76)	.094 (2.39)	-	6000
8	572-4825 -01	.094 (2.39)	.062 (1.57)	.219 (5.56)	.375 (9.53)	.312 (7.92)	.093 (2.36)	.047 (1.19)	.047 (1.19)	.141 (3.58)	.116 (2.95)	.093 (2.36)	.063 (1.60)	-	6000
	572-4825 -02	.125 (3.18)	.094 (2.39)	.219 (5.56)	.375 (9.53)	.312 (7.92)	.093 (2.36)	.047 (1.19)	.047 (1.19)	.141 (3.58)	.116 (2.95)	.093 (2.36)	.063 (1.60)	-	6000
	572-4825 -03	.156 (3.96)	.125 (3.18)	.219 (5.56)	.375 (9.53)	.312 (7.92)	.093 (2.36)	.047 (1.19)	.047 (1.19)	.141 (3.58)	.116 (2.95)	.093 (2.36)	.063 (1.60)	-	6000
	572-4825 -04	.234 (5.94)	.188 (4.78)	.219 (5.56)	.375 (9.53)	.312 (7.92)	.093 (2.36)	.047 (1.19)	.047 (1.19)	.141 (3.58)	.116 (2.95)	.093 (2.36)	.063 (1.60)	-	6000
9	572-4814 -01	.156 (3.96)	-	.344 (8.74)	.375 (9.53)	.312 (7.92)	.140 (3.56)	.062 (1.57)	.078 (1.98)	-	-	.148 (3.76)	.094 (2.39)	4-40	6000
	572-4815 -01	.156 (3.96)	-	.344 (8.74)	.375 (9.53)	.312 (7.92)	.140 (3.56)	.062 (1.57)	.078 (1.98)	-	-	.148 (3.76)	.094 (2.39)	6-32	6000
	572-4820 -01	.219 (5.56)	-	.344 (8.74)	.594 (15.09)	.531 (13.49)	.140 (3.56)	.062 (1.57)	.078 (1.98)	-	-	.148 (3.76)	.094 (2.39)	4-40	6000
	572-4821 -01	.219 (5.56)	-	.344 (8.74)	.594 (15.09)	.531 (13.49)	.140 (3.56)	.062 (1.57)	.078 (1.98)	-	-	.148 (3.76)	.094 (2.39)	6-32	6000
	572-4826 -01	.156 (3.96)	-	.219 (5.56)	.375 (9.53)	.312 (7.92)	.093 (2.36)	.047 (1.19)	.047 (1.19)	-	-	.093 (2.36)	.063 (1.60)	4-40	6000
	572-4827 -01	.156 (3.96)	-	.219 (5.56)	.375 (9.53)	.312 (7.92)	.093 (2.36)	.047 (1.19)	.047 (1.19)	-	-	.093 (2.36)	.063 (1.60)	6-32	6000
	572-4833 -01	.219 (5.56)	-	.219 (5.56)	.594 (15.09)	.531 (13.49)	.093 (2.36)	.047 (1.19)	.047 (1.19)	-	-	.093 (2.36)	.063 (1.60)	6-32	6000

SOLDER TERMINALS - MOULDED DAP, SLOTTED



Dimensions in inches (mm)
See page 92 for recommended Anvil and Punch

How to order code

572 - 48XX - XX - XX - 16

Basic Part No. | Insulator Colour | Terminal Finish

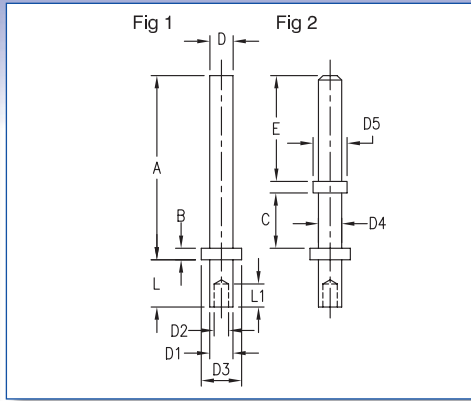
Material Code Table		
Component	Material	RoHS
Insulator	Diallyl	✓
Mounting Stud	Brass	✓
Terminal	Brass	✓

Finish Code Table			
Dash No.	Terminal Finish	Mtg. Stud Finish	RoHS
-01	Silver	Cadmium	X
-05	Electro-Solder	Cadmium	X
-21	Silver	Nickel	✓

Insulation Colour Code Table	
Dash No.	Colour
-16	Blue

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	T	IR (RMS)
1	572-4858 -01	.219 (5.56)	-	.250 (6.35)	.375 (9.53)	.312 (7.92)	-	-	4-40	6000
	572-4859 -01	.219 (5.56)	-	.250 (6.35)	.375 (9.53)	.312 (7.92)	-	-	6-32	6000
	-02	.250 (6.35)	-							
	-03	.375 (9.53)	-							
2	572-4864 -01	.219 (5.56)	-	.250 (6.35)	.594 (15.09)	.531 (13.49)	-	-	4-40	6000
	572-4860 -01	.094 (2.39)	.062 (1.57)	.250 (6.35)	.375 (9.53)	.312 (7.92)	.098 (2.49)	.064 (1.63)	-	6000
	-02	.125 (3.18)	.094 (2.39)							
	-03	.156 (3.96)	.125 (3.18)							
	-04	.234 (5.94)	.188 (4.78)							
	572-4861 -01	.094 (2.39)	.062 (1.57)	.250 (6.35)	.375 (9.53)	.312 (7.92)	.141 (3.58)	.116 (2.95)	-	6000
	-02	.125 (3.18)	.094 (2.39)							
	-03	.156 (3.96)	.125 (3.18)							
3	572-4862 -01	.156 (3.96)	-	.250 (6.35)	.375 (9.53)	.312 (7.92)	-	-	4-40	6000
	572-4863 -01	.156 (3.96)	-	.250 (6.35)	.375 (9.53)	.312 (7.92)	-	-	6-32	6000
	572-4868 -01	.219 (5.56)	-	.250 (6.35)	.594 (15.09)	.531 (13.49)	-	-	4-40	6000
	572-4869 -01	.219 (5.56)	-	.250 (6.35)	.594 (15.09)	.531 (13.49)	-	-	6-32	6000

SOLDER TERMINALS - TURRET



Dimensions in inches (mm)
See page 90/91 for recommended
Anvil and Punch

How to order code

1XX - XXXX - XX - XX - 00

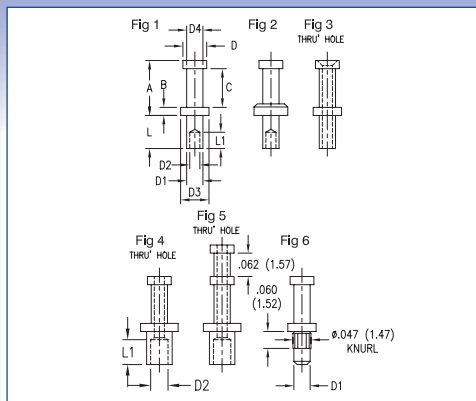
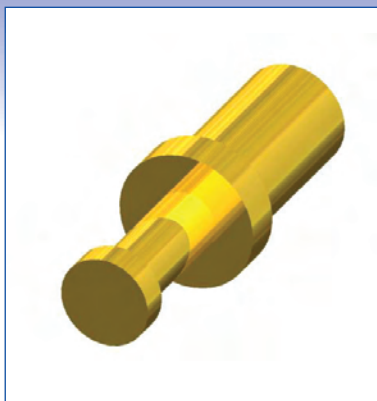
Basic Part No. Finish

Material Code Table		
Component	Material	RoHS
Terminal	Brass	✓

Finish Code Table		
Dash No.	Finish	RoHS
-01	Silver	✓
-03	Gold over Nickel	✓
-04	Electro-Tin	✓
-05	Electro-Solder	X

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	D4	D5	E	L1	Mtg. Hole Diameter
1	120-5212 -02	.075 (1.90)	.040 (1.02)	.224 (5.70)	.015 (0.38)	-	.020 (0.51)	.020 (0.51)	-	.039 (1.00)	-	-	-	-	.023 (0.58)
	120-1132 -01	.063 (1.60)	.031 (0.79)	.250 (6.35)	.031 (0.79)	-	.050 (1.27)	.060 (1.52)	.040 (1.02)	.094 (2.39)	-	-	-	.063 (1.60)	.064 (1.63)
	-02	.094 (2.39)	.062 (1.57)											.071 (1.80)	
	-03	.125 (3.18)	.094 (2.39)												
	-04	.156 (3.96)	.125 (3.18)												
	120-1133 -01	.063 (1.60)	.031 (0.79)	.313 (7.95)	.031 (0.79)	-	.050 (1.27)	.060 (1.52)	.040 (1.02)	.094 (2.39)	-	-	-	.063 (1.60)	.064 (1.63)
	-02	.094 (2.39)	.062 (1.57)											.071 (1.80)	
	-03	.125 (3.18)	.094 (2.39)												
	-04	.156 (3.96)	.125 (3.18)												
	120-1134 -01	.063 (1.60)	.031 (0.79)	.375 (9.53)	.031 (0.79)	-	.050 (1.27)	.060 (1.52)	.040 (1.02)	.094 (2.39)	-	-	-	.063 (1.60)	.064 (1.63)
	-02	.094 (2.39)	.062 (1.57)											.071 (1.80)	
	-03	.125 (3.18)	.094 (2.39)												
	-04	.156 (3.96)	.125 (3.18)												
	-05	.219 (5.56)	.188 (4.78)												
	-06	.281 (7.14)	.250 (6.35)												
	180-2750 -01	.062 (1.57)	.031 (0.79)	.156 (3.96)	.020 (0.51)	-	.060 (1.52)	.060 (1.52)	.042 (1.07)	.125 (3.18)	-	-	-	.040 (1.02)	.064 (1.63)
	-02	.094 (2.39)	.062 (1.57)												
	-03	.125 (3.18)	.094 (2.39)												
-04	.156 (3.96)	.125 (3.18)													
120-1372 -02	.084 (2.13)	.062 (1.57)	.250 (6.35)	.020 (0.51)	-	.030 (0.76)	.062 (1.57)	.043 (1.09)	.094 (2.39)	-	-	-	.045 (1.14)	.067 (1.70)	
120-1366 -02	.094 (2.39)	.062 (1.57)	.250 (6.35)	.021 (0.53)	-	.040 (1.02)	.090 (2.29)	.063 (1.60)	.125 (3.18)	-	-	-	.068 (1.73)	.093 (2.37)	
-03	.125 (3.18)	.094 (2.39)													
2	120-1011 -01	.078 (1.98)	.031 (0.79)	.290 (7.37)	.032 (0.81)	.125 (3.18)	.053 (1.35)	.090 (2.29)	.064 (1.63)	.125 (3.18)	.063 (1.60)	.093 (2.36)	.113 (2.87)	.063 (1.60)	.093 (2.37)
	-02	.109 (2.77)	.062 (1.57)												
	-03	.141 (3.58)	.094 (2.39)												
	-04	.172 (4.37)	.125 (3.18)												
	120-1012 -01	.078 (1.98)	.031 (0.79)	.427 (10.85)	.032 (0.81)	.125 (3.18)	.053 (1.35)	.090 (2.29)	.064 (1.63)	.125 (3.18)	.063 (1.60)	.093 (2.36)	.250 (6.35)	.083 (2.11)	.093 (2.37)
	-02	.109 (2.77)	.062 (1.57)												
	-03	.141 (3.58)	.094 (2.39)												
	-04	.172 (4.37)	.125 (3.18)												
	120-1013 -01	.078 (1.98)	.031 (0.79)	.343 (8.71)	.032 (0.81)	.136 (3.45)	.053 (1.35)	.090 (2.29)	.064 (1.63)	.156 (3.96)	.063 (1.60)	.109 (2.77)	.153 (3.89)	.063 (1.60)	.093 (2.37)
	-02	.109 (2.77)	.062 (1.57)												
	-03	.141 (3.58)	.094 (2.39)												
	-04	.172 (4.37)	.125 (3.18)												
	120-1014 -01	.078 (1.98)	.031 (0.79)	.471 (11.96)	.032 (0.81)	.136 (3.45)	.053 (1.35)	.090 (2.29)	.064 (1.63)	.156 (3.96)	.063 (1.60)	.109 (2.77)	.281 (7.14)	.064 (1.63)	.093 (2.37)
	-02	.109 (2.77)	.062 (1.57)												
	-03	.141 (3.58)	.094 (2.39)												
	-04	.172 (4.37)	.125 (3.18)												

SOLDER TERMINALS - TURRET



Dimensions in inches (mm)
See page 90/91 for recommended
Anvil and Punch

How to order code

160 - XXXX - XX - XX - 00

Basic Part No.

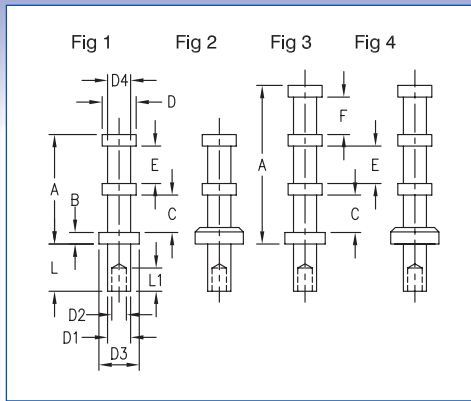
Finish

Material Code Table		
Component	Material	RoHS
Terminal	Brass	✓

Finish Code Table		
Dash No.	Finish	RoHS
-01	Silver	✓
-03	Gold over Nickel	✓
-04	Electro-Tin	✓
-05	Electro-Solder	X

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	D4	L1	Mtg. Hole Diameter	
1	160-2085 -11	.035 (0.89)	.016 (0.40)	.094 (2.39)	.018 (0.46)	.063 (1.60)	.040 (1.02)	.047 (1.19)	.028 (0.71)	.062 (1.57)	.027 (0.69)	.032 (0.81)	.052 (1.32)	
	-01	.051 (1.30)	.031 (0.79)											
	-02	.082 (2.08)	.062 (1.57)											
	-03	.113 (2.87)	.094 (2.39)											
	-04	.145 (3.68)	.125 (3.18)											
	160-1604 -11	.025 (0.64)	.016 (0.40)	.093 (2.36)	.025 (0.64)	.045 (1.14)	.062 (1.57)	.062 (1.57)	.046 (1.17)	.094 (2.39)	.045 (1.14)	.020 (0.51)	.067 (1.70)	
	-01	.045 (1.14)	.031 (0.79)									.040 (1.02)		
	-02	.094 (2.39)	.062 (1.57)									.089 (2.26)		
2	160-1457 -01	.078 (1.98)	.031 (0.79)	.187 (4.75)	.047 (1.19)	.115 (2.92)	.075 (1.91)	.078 (1.98)	.055 (1.40)	.125 (3.18)	.040 (1.02)	.068 (1.73)	.082 (2.08)	
	-02	.109 (2.77)	.062 (1.57)									.098 (2.49)		
	-03	.141 (3.58)	.094 (2.39)											
	-04	.172 (4.37)	.125 (3.18)											
	160-1245 -01	.078 (1.98)	.031 (0.79)	.234 (5.94)	.047 (1.19)	.156 (3.96)	.145 (3.68)	.112 (2.84)	.076 (1.93)	.188 (4.78)	.065 (1.65)	.068 (1.73)	.116 (2.95)	
	-02	.109 (2.77)	.062 (1.57)									.098 (2.49)		
	-03	.141 (3.58)	.094 (2.39)											
	-04	.172 (4.37)	.125 (3.18)											
3	160-1512 -02	.084 (2.13)	.062 (1.57)	.156 (3.96)	.040 (1.02)	.091 (2.31)	.093 (2.36)	.062 (1.57)	.043 (1.09)	.125 (3.18)	.062 (1.57)	-	.067 (1.70)	
	-03	.115 (2.92)	.094 (2.39)											
	-04	.147 (3.73)	.125 (3.18)											
	160-2027 -01	.063 (1.60)	.031 (0.79)	.187 (4.75)	.035 (0.89)	.125 (3.18)	.096 (2.44)	.071 (1.80)	.043 (1.09)	.125 (3.18)	.071 (1.80)	-	.076 (1.93)	
	-02	.094 (2.39)	.062 (1.57)											
	-03	.125 (3.18)	.094 (2.39)											
	-04	.156 (3.96)	.125 (3.18)											
	160-1797 -01	.078 (1.98)	.031 (0.79)	.188 (4.78)	.047 (1.19)	.109 (2.77)	.138 (3.51)	.110 (2.79)	.067 (1.70)	.188 (4.78)	.110 (2.79)	-	.113 (2.87)	
4	160-2100 -11	.025 (0.64)	.016 (0.40)	.093 (2.36)	.025 (0.64)	.045 (1.14)	.062 (1.57)	.062 (1.57)	.046 (1.17)	.094 (2.39)	.045 (1.14)	.020 (0.51)	.067 (1.70)	
	-01	.045 (1.14)	.031 (0.79)									.040 (1.02)		
	-02	.094 (2.39)	.062 (1.57)									.089 (2.26)		
	-03	.125 (3.18)	.094 (2.39)											
	5	160-1798 -02	.109 (2.77)	.062 (1.57)	.312 (7.92)	.031 (0.79)	.157 (3.99)	.110 (2.79)	.135 (3.43)	.107 (2.72)	.188 (4.78)	.088 (2.24)	.098 (2.49)	.141 (3.57)
		-03	.141 (3.58)	.094 (2.39)										
		-04	.172 (4.37)	.125 (3.18)										
		160-3747 -01	.130 (3.30)	.062 (1.57)	.135 (3.43)	.035 (0.89)	.080 (2.03)	.053 (1.35)	.053 (1.36)	-	.063 (1.60)	.038 (0.97)	-	.055 (1.40)

SOLDER TERMINALS - TURRET



Dimensions in inches (mm)
See page 90/91 for recommended
Anvil and Punch

How to order code

160 - XXXX - XX - XX - 00

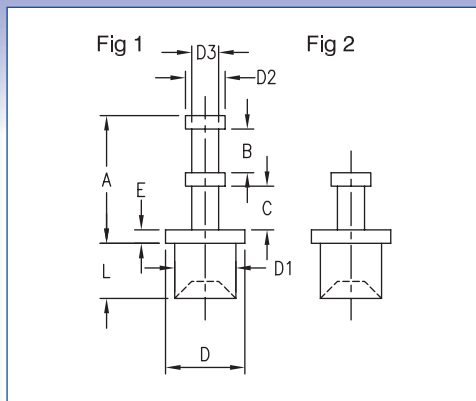
Basic Part No. Finish

Material Code Table		
Component	Material	RoHS
Terminal	Brass	✓

Finish Code Table		
Dash No.	Finish	RoHS
-01	Silver	✓
-03	Gold over Nickel	✓
-04	Electro-Tin	✓
-05	Electro-Solder	X

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	D4	D5	E	L1	Mtg. Hole Diameter	
1	160-3653 -11	.037 (0.94)	.016 (0.40)	.156 (3.96)	.020 (0.51)	.065 (1.65)	.062 (1.57)	.062 (1.57)	.046 (1.17)	.094 (2.39)	.031 (0.79)	.031 (0.79)	-	.025 (0.64)	.067 (1.70)	
	-01	.053 (1.35)	.031 (0.79)											.045 (1.14)		
	-02	.084 (2.13)	.062 (1.57)													
	-03	.115 (2.92)	.094 (2.39)													
	-04	.147 (3.73)	.125 (3.18)													
	160-1558 -01	.078 (1.98)	.031 (0.79)	.219 (5.56)	.023 (0.58)	.093 (2.36)	.093 (2.36)	.090 (2.29)	.064 (1.63)	.125 (3.18)	.046 (1.17)	.063 (1.60)	.063 (1.60)	-	.047 (1.19)	.093 (2.37)
	-02	.109 (2.77)	.062 (1.57)												.062 (1.57)	
	-03	.141 (3.58)	.094 (2.39)													
	-04	.172 (4.37)	.125 (3.18)													
	160-1597 -01	.063 (1.60)	.031 (0.79)	.219 (5.56)	.023 (0.58)	.093 (2.36)	.093 (2.36)	.090 (2.29)	.064 (1.63)	.125 (3.18)	.046 (1.17)	.063 (1.60)	.063 (1.60)	-	.047 (1.19)	.093 (2.37)
	-02	.094 (2.39)	.062 (1.57)												.062 (1.57)	
	-03	.125 (3.18)	.094 (2.39)													
	-04	.156 (3.96)	.125 (3.18)													
	160-1026 -01	.075 (1.91)	.031 (0.79)	.237 (6.02)	.042 (1.07)	.092 (2.34)	.094 (2.39)	.090 (2.29)	.064 (1.63)	.125 (3.18)	.047 (1.19)	.063 (1.60)	.063 (1.60)	-	.062 (1.57)	.093 (2.37)
	-02	.105 (2.67)	.062 (1.57)													
	-03	.135 (3.43)	.094 (2.39)													
	-04	.165 (4.19)	.125 (3.18)													
	160-2034 -01	.078 (1.98)	.031 (0.79)	.281 (7.14)	.032 (0.81)	.105 (2.67)	.109 (2.77)	.090 (2.29)	.064 (1.63)	.156 (3.96)	.053 (1.35)	.100 (2.54)	.100 (2.54)	-	.063 (1.60)	.093 (2.37)
	-02	.109 (2.77)	.062 (1.57)												.093 (2.36)	
	-03	.141 (3.58)	.094 (2.39)													
	-04	.172 (4.37)	.125 (3.18)													
	160-2110 -02	.109 (2.77)	.062 (1.57)	.500 (12.70)	.062 (1.57)	.211 (5.36)	.200 (5.08)	.262 (6.65)	.201 (5.11)	.312 (7.92)	.125 (3.18)	.156 (3.96)	.156 (3.96)	-	.066 (1.68)	.266 (6.75)
	-03	.140 (3.56)	.094 (2.39)													
	-04	.172 (4.37)	.125 (3.18)													
2	160-1724 -01	.078 (1.98)	.031 (0.79)	.359 (9.12)	.047 (1.19)	.151 (3.84)	.142 (3.61)	.112 (2.84)	.076 (1.93)	.188 (4.78)	.065 (1.65)	.099 (2.51)	-	.068 (1.73)	.116 (2.95)	
	-02	.109 (2.77)	.062 (1.57)											.098 (2.49)		
	-03	.141 (3.58)	.094 (2.39)													
	-04	.172 (4.37)	.125 (3.18)													
3	160-1058 -01	.075 (1.91)	.031 (0.79)	.340 (8.64)	.047 (1.19)	.094 (2.39)	.094 (2.39)	.089 (2.26)	.064 (1.63)	.125 (3.18)	.050 (1.27)	.062 (1.57)	.062 (1.57)	.047 (1.19)	.089 (2.26)	
	-02	.105 (2.67)	.062 (1.57)											.062 (1.57)		
	-03	.135 (3.43)	.094 (2.39)													
	-04	.165 (4.19)	.125 (3.18)													
	160-2080 -01	.063 (1.60)	.031 (0.79)	.301 (7.65)	.023 (0.58)	.092 (2.34)	.093 (2.36)	.090 (2.29)	.064 (1.63)	.125 (3.18)	.046 (1.17)	.063 (1.60)	.063 (1.60)	.047 (1.19)	.093 (2.37)	
	-02	.094 (2.39)	.062 (1.57)											.062 (1.57)		
	-03	.125 (3.18)	.094 (2.39)													
	-04	.156 (3.96)	.125 (3.18)													
4	160-2084 -01	.078 (1.98)	.031 (0.79)	.484 (12.29)	.047 (1.19)	.151 (3.84)	.145 (3.68)	.112 (2.84)	.076 (1.93)	.188 (4.78)	.065 (1.65)	.099 (2.51)	.094 (2.39)	.068 (1.73)	.116 (2.95)	
	-02	.109 (2.77)	.062 (1.57)											.098 (2.49)		
	-03	.141 (3.58)	.094 (2.39)													
	-04	.172 (4.37)	.125 (3.18)													

SOLDER TERMINALS - TURRET



Dimensions in inches (mm)
See page 90/91 for recommended
Anvil and Punch

How to order code

160-XXXX-XX-XX-00

Basic Part No.

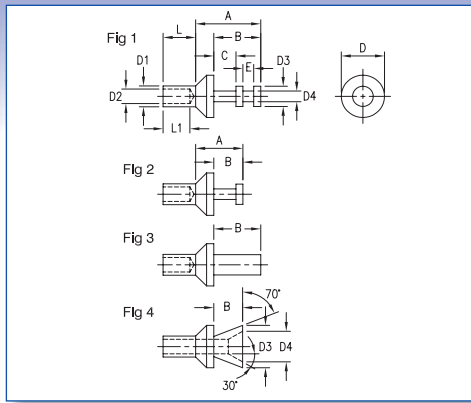
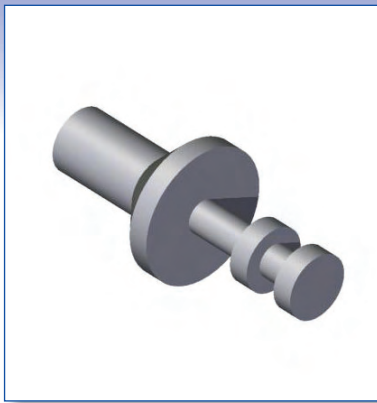
Finish

Material Code Table		
Component	Material	RoHS
Terminal	Brass	✓

Finish Code Table		
Dash No.	Finish	RoHS
-01	Silver	✓
-03	Gold over Nickel	✓
-04	Electro-Tin	✓
-05	Electro-Solder	X

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	E	Mtg. Hole Diameter
1	160-2043 -01	.051 (1.30)	.031 (0.79)	.186 (4.72)	.062 (1.57)	.062 (1.57)	.094 (2.39)	.073 (1.85)	.050 (1.27)	.038 (0.97)	.022 (0.56)	.076 (1.93)
	-02	.082 (2.08)	.062 (1.57)									
	-03	.113 (2.87)	.094 (2.39)									
	-04	.145 (3.68)	.125 (3.18)									
2	160-2041 -01	.051 (1.30)	.031 (0.79)	.104 (2.64)	-	.062 (1.57)	.094 (2.39)	.072 (1.83)	.050 (1.27)	.038 (0.97)	.022 (0.56)	.076 (1.93)
	-02	.082 (2.08)	.062 (1.57)									
	-03	.113 (2.87)	.094 (2.39)									
	-04	.145 (3.68)	.125 (3.18)									
	160-1040 -01	.062 (1.57)	.031 (0.79)	.159 (4.04)	-	.105 (2.67)	.156 (3.96)	.090 (2.29)	.109 (2.77)	.053 (1.35)	.032 (0.81)	.093 (2.37)
	-02	.094 (2.39)	.062 (1.57)									
	-03	.125 (3.18)	.094 (2.39)									
	-04	.156 (3.96)	.125 (3.18)									

SOLDER TERMINALS - FLARED - SWAGE MOUNT



Dimensions in inches (mm)
See page 91 for recommended Anvil and Punch

How to order code

180 - XXXX - XX - XX - 00

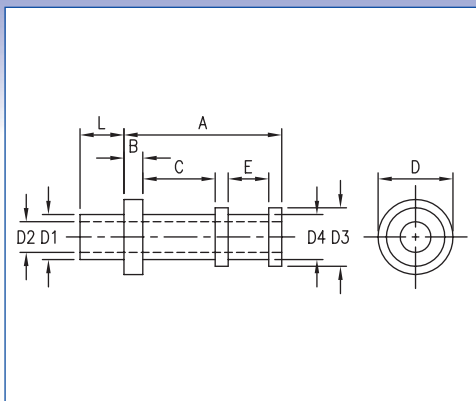
Basic Part No. | Finish

Material Code Table		
Component	Material	RoHS
Terminal	Brass Leaded Red Brass*	✓ ✓

Finish Code Table		
Dash No.	Finish	RoHS
-04	Electro-Tin	✓
-05	Electro-Solder	X

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	D4	E	L1	Mtg. Hole Diameter
1	180-2754 -01	.062 (1.57)	.031 (0.79)	.188 (4.78)	.136 (3.45)	.064 (1.63)	.125 (3.18)	.060 (1.52)	.042 (1.07)	.060 (1.52)	.031 (0.79)	.032 (0.81)	.040 (1.02)	.063 (1.61)
	-02	.094 (2.39)	.062 (1.57)											
	-03	.125 (3.18)	.094 (2.39)											
	-04	.156 (3.96)	.125 (3.18)											
	180-7337 -01*	.062 (1.57)	.031 (0.79)	.173 (4.39)	.136 (3.45)	.064 (1.63)	.094 (2.39)	.060 (1.52)	.042 (1.07)	.060 (1.52)	.031 (0.79)	.032 (0.81)	.040 (1.02)	.063 (1.61)
	-02*	.094 (2.39)	.062 (1.57)											
	-03*	.125 (3.18)	.094 (2.39)											
	-04*	.156 (3.96)	.125 (3.18)											
2	180-2753 -01	.062 (1.57)	.031 (0.79)	.136 (3.45)	.084 (2.13)	.064 (1.63)	.125 (3.18)	.060 (1.52)	.042 (1.07)	.060 (1.52)	.031 (0.79)	-	.040 (1.02)	.063 (1.61)
	-02	.094 (2.39)	.062 (1.57)											
	-03	.125 (3.18)	.094 (2.39)											
	-04	.156 (3.96)	.125 (3.18)											
	180-7336 -01*	.062 (1.57)	.031 (0.79)	.151 (3.84)	.114 (2.90)	.094 (2.39)	.094 (2.39)	.062 (1.57)	.042 (1.07)	.060 (1.52)	.031 (0.79)	-	.040 (1.02)	.063 (1.61)
	-02*	.094 (2.39)	.062 (1.57)											
	-03*	.125 (3.18)	.094 (2.39)											
	-04*	.156 (3.96)	.125 (3.18)											
3	180-2751 -01	.062 (1.57)	.031 (0.79)	.188 (4.78)	.136 (3.45)	-	.125 (3.18)	.060 (1.52)	.042 (1.07)	.060 (1.52)	-	-	.062 (1.57)	.063 (1.61)
	-02	.094 (2.39)	.062 (1.57)											
	-03	.125 (3.18)	.094 (2.39)											
	-04	.156 (3.96)	.125 (3.18)											
4	180-2755 -01	.062 (1.57)	.031 (0.79)	.136 (3.45)	.084 (2.13)	-	.125 (3.18)	.060 (1.52)	.042 (1.07)	.122 (3.10)	.090 (2.29)	-	-	.063 (1.61)
	-02	.094 (2.39)	.062 (1.57)											
	-03	.125 (3.18)	.094 (2.39)											
	-04	.156 (3.96)	.125 (3.18)											

SOLDER TERMINALS - TURRET, THROUGH HOLE



Dimensions in inches (mm)
See page 90 for recommended Anvil and Punch

How to order code

160 - 15XX - XX - XX - 00

Basic Part No. Finish

Material Code Table		
Component	Material	RoHS
Terminal	Brass	✓

Finish Code Table		
Dash No.	Terminal Finish	RoHS
-01	Silver	✓
-04	Electro-Tin	✓
-05	Electro-Solder	X

Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	D4	E	Mtg. Hole Diameter
160-1548 -01	.078 (1.98)	.031 (0.79)	.312 (7.92)	.031 (0.79)	.137 (3.48)	.188 (4.78)	.112 (2.84)	.078 (1.98)	.146 (3.71)	.113 (2.87)	.094 (2.39)	.116 (2.95)
-02	.109 (2.77)	.062 (1.57)										
-03	.141 (3.58)	.094 (2.39)										
-04	.172 (4.37)	.125 (3.18)										
160-1513 -02	.109 (2.77)	.062 (1.57)	.328 (8.33)	.046 (1.17)	.142 (3.61)	.188 (4.78)	.112 (2.84)	.078 (1.98)	.145 (3.68)	.112 (2.84)	.100 (2.54)	.116 (2.95)
-03	.141 (3.58)	.094 (2.39)										
-04	.172 (4.37)	.125 (3.18)										

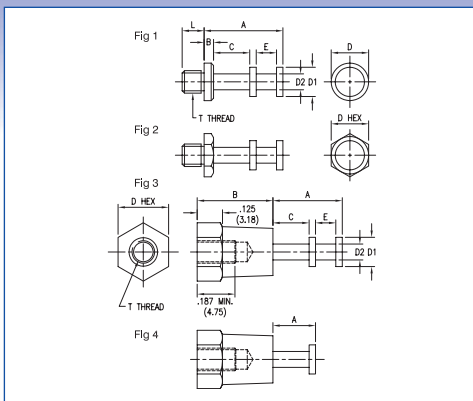
Typical application



160-2040 swaged into FR4 strip for solder terminations

SOLDER TERMINALS - TURRET, THREAD MOUNT

Dimensions in inches (mm)



How to order code

160 - XXXX - XX - XX - 00

Basic Part No. | Finish

Material Code Table		
Component	Material	RoHS
Terminal	Brass	✓

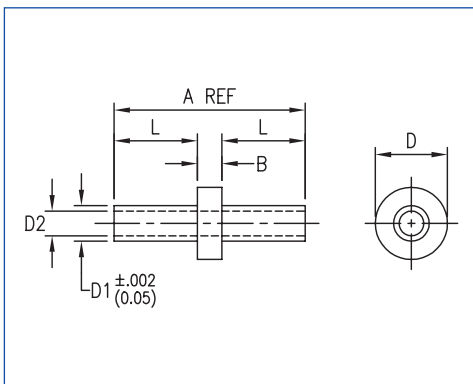
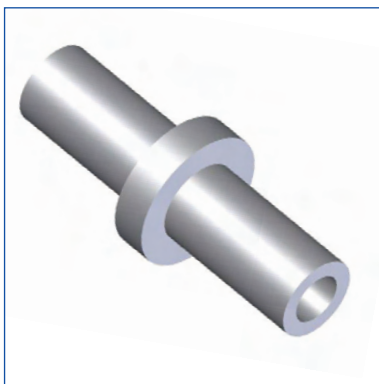
Finish Code Table		
Dash No.	Terminal Finish	RoHS
-01	Silver	✓
-03	Gold over Nickel	✓
-04	Electro-Tin	✓
-05	Electro-Solder	X

Fig.	Basic Part No.	L	A	B	C	D	D1	D2	E	T
1	160-1582 -01	.125 (3.18)	.357 (9.07)	.047 (1.19)	.149 (3.78)	.188 (4.78)	.145 (3.68)	.065 (1.65)	.099 (2.51)	4 - 40
	-02	.188 (4.78)								
2	160-2051 -01	.125 (3.18)	.357 (9.07)	.047 (1.19)	.149 (3.78)	.188 (4.78)	.145 (3.68)	.065 (1.65)	.099 (2.51)	4 - 40
	-02	.188 (4.78)								
3	160-2381 -01	-	.344 (8.74)	.375 (9.53)	.187 (4.75)	.250 (6.35)	.140 (3.56)	.078 (1.98)	.095 (2.41)	4 - 40
4	160-2380 -01	-	.218 (5.54)	.375 (9.53)	.187 (4.75)	.250 (6.35)	.140 (3.56)	.078 (1.98)	-	4 - 40

SOLDER TERMINALS - EYELET

Dimensions in inches (mm)

See page 91 for recommended Anvil and Punch



How to order code

180 - 146X - 02 - XX - 00

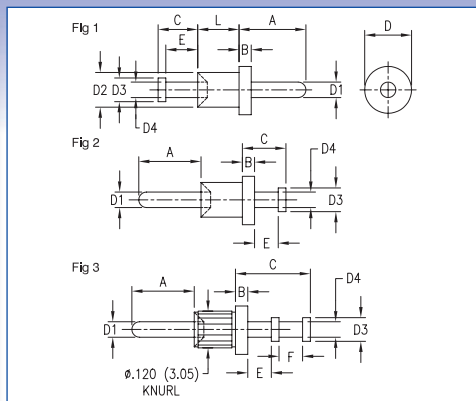
Basic Part No. | Finish

Material Code Table		
Component	Material	RoHS
Terminal	Brass	✓

Finish Code Table		
Dash No.	Terminal Finish	RoHS
-04	Electro-Tin	✓
-05	Electro-Solder	X

Basic Part No.	A	B	D	D1	D2	L	Mtg. Hole Diameter	Wire Size
180-1460 -02	.200 (5.08)	.020 (0.51)	.078 (1.98)	.046 (1.17)	.028 (0.71)	.090 (2.29)	.052 (1.32)	24-23 AWG
180-1461 -02	.200 (5.08)	.020 (0.51)	.078 (1.98)	.050 (1.27)	.033 (0.84)	.090 (2.29)	.055 (1.40)	22-21 AWG
180-1462 -02	.200 (5.08)	.020 (0.51)	.094 (2.39)	.059 (1.50)	.040 (1.02)	.090 (2.29)	.063 (1.61)	20-19 AWG

SOLDER TERMINALS - SWAGED - FEEDTHROUGH



Dimensions in inches (mm)
See page 90 for recommended Anvil and Punch

How to order code

120 - XXXX - XX - XX - 00

Basic Part No.

Finish

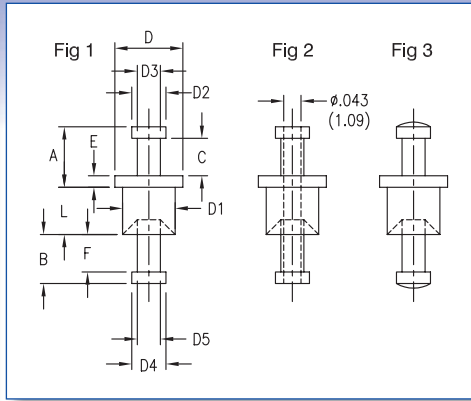
Material Code Table		
Component	Material	RoHS
Terminal	Brass	✓

Finish Code Table		
Dash No.	Pin Finish	RoHS
-01	Silver	✓
-04	Electro-Tin	✓

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	D4	E	F	Mtg. Hole Diameter
1	120-1030 -01	.051 (1.30)	.031 (0.79)	.250 (6.35)	.022 (0.56)	.125 (3.18)	.094 (2.39)	.040 (1.02)	.072 (1.83)	.050 (1.27)	.040 (1.02)	.105 (2.67)	-	.076 (1.93)
	-02	.082 (2.08)	.062 (1.57)											
	-03	.113 (2.87)	.094 (2.39)											
	-04	.145 (3.68)	.125 (3.18)											
2	120-1031 -01	.051 (1.30)	.031 (0.79)	.250 (6.35)	.022 (0.56)	.078 (1.98)	.094 (2.39)	.040 (1.02)	.072 (1.83)	.050 (1.27)	.040 (1.02)	.041 (1.04)	-	.076 (1.93)
	-02	.082 (2.08)	.062 (1.57)											
	-03	.113 (2.87)	.094 (2.39)											
	-04	.145 (3.68)	.125 (3.18)											
	120-1032 -01	.054 (1.37)	.031 (0.79)	.140 (3.56)	.022 (0.56)	.078 (1.98)	.078 (1.98)	.032 (0.81)	.062 (1.57)	.045 (1.14)	.032 (0.81)	.041 (1.04)	-	.067 (1.70)
	-02	.084 (2.13)	.062 (1.57)											
	-03	.115 (2.92)	.094 (2.39)											
	-04	.147 (3.73)	.125 (3.18)											
3	120-2081 -01	.063 (1.60)	.031 (0.79)	.219 (5.56)	.025 (0.64)	.219 (5.56)	.156 (3.96)	.041 (1.04)	-	.093 (2.36)	.046 (1.17)	.091 (2.31)	.063 (1.60)	.125 (3.18)
	-02	.093 (2.36)	.062 (1.57)											
	-03	.125 (3.18)	.094 (2.39)											
	-04	.156 (3.96)	.125 (3.18)											

SOLDER TERMINALS - TURRET, FEEDTHROUGH

Dimensions in inches (mm)
See page 90/91 for recommended
Anvil and Punch



How to order code

160-XXXX-XX-XX-00

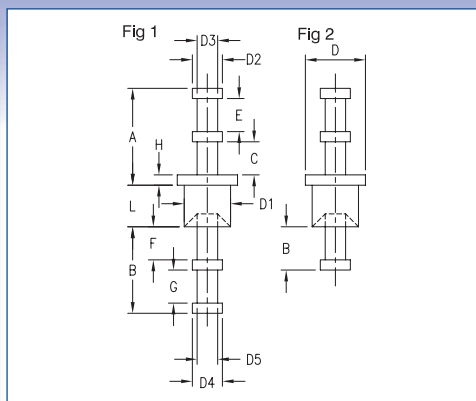
Basic Part No. Finish

Material Code Table		
Component	Material	RoHS
Terminal	Brass	✓

Finish Code Table		
Dash No.	Finish	RoHS
-01	Silver	✓
-03	Gold over Nickel	✓
-04	Electro-Tin	✓
-05	Electro-Solder	X

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	D4	D5	E	F	Mtg. Hole Diameter
1	160-2042 -01	.051 (1.29)	.031 (0.79)	.104 (2.64)	.082 (2.08)	.062 (1.57)	.094 (2.39)	.072 (1.83)	.050 (1.27)	.038 (0.97)	.050 (1.27)	.038 (0.97)	.022 (0.56)	.062 (1.57)	.076 (1.93)
	-02	.082 (2.08)	.062 (1.57)												
	-03	.113 (2.87)	.094 (2.39)												
	-04	.145 (3.68)	.125 (3.18)												
	-05	.207 (5.26)	.188 (4.78)												
	160-1041 -01	.062 (1.57)	.031 (0.79)	.159 (4.04)	.082 (2.08)	.105 (2.67)	.156 (3.96)	.090 (2.29)	.109 (2.77)	.053 (1.35)	.070 (1.78)	.048 (1.22)	.032 (0.81)	.062 (1.57)	.093 (2.37)
	-02	.094 (2.39)	.062 (1.57)												
	-03	.125 (3.18)	.094 (2.39)												
	-04	.156 (3.96)	.125 (3.18)												
	160-1464 -02	.105 (2.67)	.062 (1.57)	.156 (3.96)	.125 (3.18)	.092 (2.34)	.156 (3.96)	.116 (2.95)	.070 (1.78)	.040 (1.02)	.070 (1.78)	.040 (1.02)	.032 (0.81)	.093 (2.36)	.120 (3.05)
-03	.135 (3.43)	.094 (2.39)													
-04	.165 (4.19)	.125 (3.18)													
2	160-2141 -01	.063 (1.60)	.031 (0.79)	.187 (4.75)	.187 (4.75)	.125 (3.18)	.156 (3.96)	.116 (2.95)	.096 (2.44)	.071 (1.80)	.088 (2.24)	.071 (1.80)	.035 (0.89)	.160 (4.06)	.120 (3.05)
	-02	.094 (2.39)	.062 (1.57)												
	-03	.125 (3.18)	.094 (2.39)												
	-04	.156 (3.96)	.125 (3.18)												
3	160-1463 -01	.063 (1.60)	.031 (0.79)	.156 (3.96)	.125 (3.18)	.091 (2.31)	.156 (3.96)	.116 (2.95)	.070 (1.78)	.040 (1.02)	.070 (1.78)	.040 (1.02)	.035 (0.89)	.095 (2.41)	.120 (3.05)
	-02	.094 (2.39)	.062 (1.57)												
	-03	.125 (3.18)	.094 (2.39)												
	-04	.156 (3.96)	.125 (3.18)												

SOLDER TERMINALS - TURRET, FEEDTHROUGH



Dimensions in inches (mm)
See page 90/91 for recommended
Anvil and Punch

How to order code

160-XXXX-XX-XX-00

Basic Part No.

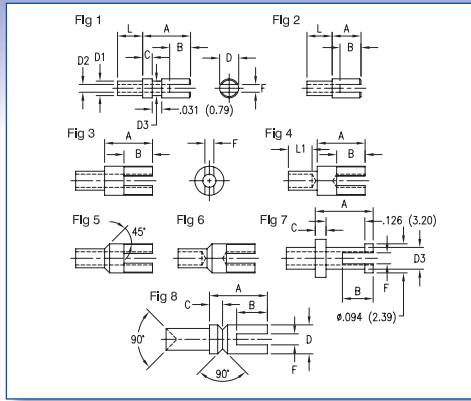
Finish

Material Code Table		
Component	Material	RoHS
Terminal	Brass	✓

Finish Code Table		
Dash No.	Finish	RoHS
-01	Silver	✓
-03	Gold over Nickel	✓
-04	Electro-Tin	✓
-05	Electro-Solder	X

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	D4	D5	E	F	G	H	Mtg. Hole Diameter	
1	160-2040-01	.051 (1.29)	.031 (0.79)	.186 (4.72)	.164 (4.17)	.062 (1.57)	.094 (2.39)	.072 (1.83)	.050 (1.27)	.038 (0.97)	.050 (1.27)	.038 (0.97)	.062 (1.57)	.062 (1.57)	.062 (1.57)	.022 (0.56)	.076 (1.93)	
	-02	.082 (2.08)	.062 (1.59)															
	-03	.113 (2.87)	.094 (2.39)															
	-04	.145 (3.68)	.125 (3.18)															
	-05	.207 (5.26)	.188 (4.78)															
	160-2004-01	.062 (1.57)	.031 (0.79)	.219 (5.56)	.188 (4.78)	.093 (2.36)	.125 (3.18)	.090 (2.29)	.063 (1.60)	.040 (1.02)	.063 (1.60)	.040 (1.02)	.063 (1.60)	.083 (2.11)	.063 (1.60)	.021 (0.53)	.093 (2.37)	
	-02	.093 (2.36)	.062 (1.59)															
	-03	.125 (3.18)	.094 (2.39)															
	-04	.156 (3.96)	.125 (3.18)															
	160-1043-01	.062 (1.57)	.031 (0.79)	.281 (7.14)	.164 (4.17)	.105 (2.67)	.156 (3.96)	.090 (2.29)	.109 (2.77)	.053 (1.35)	.070 (1.78)	.048 (1.22)	.100 (2.54)	.062 (1.57)	.062 (1.57)	.032 (0.81)	.093 (2.37)	
	-02	.094 (2.39)	.062 (1.59)															
	-03	.125 (3.18)	.094 (2.39)															
	-04	.156 (3.96)	.125 (3.18)															
	160-1035-01	.075 (1.91)	.031 (0.79)	.237 (6.02)	.134 (3.40)	.093 (2.36)	.156 (3.96)	.125 (3.18)	.093 (2.36)	.047 (1.19)	.062 (1.57)	.030 (0.76)	.058 (1.47)	.062 (1.57)	.032 (0.81)	.046 (1.17)	.128 (3.26)	
	-02	.105 (2.67)	.062 (1.59)															
	-03	.135 (3.43)	.094 (2.39)															
	-04	.165 (4.19)	.125 (3.18)															
	160-1081-02	.093 (2.36)	.062 (1.59)	.342 (8.69)	.315 (8.00)	.156 (3.96)	.250 (6.35)	.201 (5.11)	.142 (3.61)	.065 (1.65)	.142 (3.61)	.065 (1.65)	.093 (2.36)	.157 (3.99)	.096 (2.44)	.031 (0.79)	.204 (5.18)	
	-03	.125 (3.18)	.094 (2.39)															
	-04	.156 (3.96)	.125 (3.18)															
160-1620-02	.094 (2.39)	.062 (1.57)	.500 (12.70)	.436 (11.07)	.220 (5.59)	.312 (7.92)	.262 (6.65)	.200 (5.08)	.125 (3.18)	.200 (5.08)	.125 (3.18)	.156 (3.96)	.218 (5.54)	.156 (3.96)	.062 (1.57)	.266 (6.75)		
-03	.125 (3.18)	.094 (2.39)																
-04	.156 (3.96)	.125 (3.18)																
2	160-2044-01	.051 (1.29)	.031 (0.79)	.186 (4.72)	.082 (2.08)	.062 (1.57)	.094 (2.39)	.072 (1.83)	.050 (1.27)	.038 (0.97)	.050 (1.27)	.038 (0.97)	.062 (1.57)	-	-	.022 (0.56)	.076 (1.93)	
	-02	.082 (2.08)	.062 (1.59)															
	-03	.113 (2.87)	.094 (2.39)															
	-04	.145 (3.68)	.125 (3.18)															
	-05	.207 (5.26)	.188 (4.78)															
	160-2000-01	.062 (1.57)	.031 (0.79)	.219 (5.56)	.104 (2.64)	.093 (2.36)	.125 (3.18)	.090 (2.29)	.063 (1.60)	.040 (1.02)	.063 (1.60)	.040 (1.02)	.063 (1.60)	-	-	.021 (0.53)	.093 (2.37)	
	-02	.094 (2.39)	.062 (1.57)															
	-03	.125 (3.18)	.094 (2.39)															
	-04	.156 (3.96)	.125 (3.18)															
	160-1042-01	.062 (1.57)	.031 (0.79)	.281 (7.14)	.062 (1.57)	.105 (2.67)	.156 (3.96)	.090 (2.29)	.109 (2.77)	.053 (1.35)	.070 (1.78)	.048 (1.22)	.100 (2.54)	-	-	.032 (0.81)	.093 (2.37)	
	-02	.094 (2.39)	.062 (1.59)															
	-03	.125 (3.18)	.094 (2.39)															
	-04	.156 (3.96)	.125 (3.18)															
	160-1520-02	.105 (2.67)	.062 (1.59)	.368 (9.09)	.109 (2.77)	.151 (3.84)	.188 (4.78)	.114 (2.90)	.145 (3.68)	.065 (1.65)	.082 (2.08)	.040 (1.02)	.094 (2.39)	-	-	.047 (1.19)	.118 (3.00)	
	-03	.135 (3.43)	.094 (2.39)															
	-04	.165 (4.19)	.125 (3.18)															
	160-1579-01	.063 (1.60)	.031 (0.79)	.344 (8.74)	.110 (2.79)	.092 (2.34)	.250 (6.35)	.202 (5.13)	.141 (3.58)	.062 (1.57)	.141 (3.58)	.062 (1.57)	.156 (3.96)	-	-	.032 (0.81)	.206 (5.22)	
	-02	.094 (2.39)	.062 (1.59)															
	-03	.125 (3.18)	.094 (2.39)															
	-04	.156 (3.96)	.125 (3.18)															

SOLDER TERMINALS - SLOTTED



Dimensions in inches (mm)
See page 90/91 for recommended
Anvil and Punch

How to order code
1XX - XXXX - XX - XX - 00

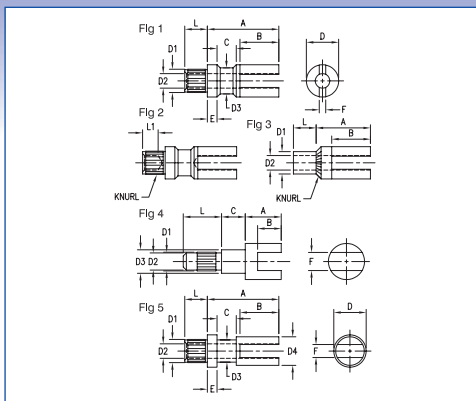
Basic Part No. | Finish

Material Code Table		
Component	Material	RoHS
Terminal	Brass	✓
	Leaded Red Brass*	✓

Finish Code Table		
Dash No.	Finish	RoHS
-01	Silver	✓
-04	Electro-Tin	✓
-05	Electro-Solder	X

Fig.	Basic Part No.	L	Board Thickness	L1	A	B	C	D	D1	D2	D3	F	Mtg. Hole Diameter
1	140-2089 -11	.035 (0.89)	.016 (0.40)	-	.156 (3.96)	.068 (1.73)	.031 (0.79)	.062 (1.57)	.047 (1.19)	.026 (0.66)	.047 (1.19)	.025 (0.64)	.052 (1.32)
	-01	.051 (1.30)	.031 (0.79)										
	-02	.082 (2.08)	.062 (1.57)										
	-03	.113 (2.87)	.094 (2.39)										
	-04	.145 (3.68)	.125 (3.18)										
	140-1019 -11	.035 (0.89)	.016 (0.40)	-	.156 (3.96)	.068 (1.73)	.031 (0.79)	.072 (1.83)	.047 (1.19)	.026 (0.66)	.057 (1.45)	.028 (0.71)	.052 (1.32)
	-01	.051 (1.30)	.031 (0.79)										
	-02	.082 (2.08)	.062 (1.57)										
2	140-1018 -11	.035 (0.89)	.016 (0.40)	-	.094 (2.39)	.068 (1.73)	-	.072 (1.83)	.047 (1.19)	.026 (0.66)	-	.028 (0.71)	.052 (1.32)
	-01	.051 (1.30)	.031 (0.79)										
	-02	.082 (2.08)	.062 (1.57)										
	-03	.113 (2.87)	.094 (2.39)										
	-04	.145 (3.68)	.125 (3.18)										
	140-1785 -11	.025 (0.64)	.016 (0.40)	-	.156 (3.96)	.093 (2.36)	-	.094 (2.39)	.062 (1.57)	.043 (1.09)	-	.026 (0.66)	.067 (1.70)
	-01	.045 (1.14)	.031 (0.79)										
	-02	.094 (2.39)	.062 (1.57)										
3	140-1941 -11	.025 (0.64)	.016 (0.40)	-	.156 (3.96)	.094 (2.39)	-	.094 (2.39)	.071 (1.80)	.046 (1.17)	-	.029 (0.74)	.076 (1.93)
	-01	.045 (1.14)	.031 (0.79)										
	-02	.094 (2.39)	.062 (1.57)										
	-03	.125 (3.18)	.094 (2.39)										
	-04	.156 (3.96)	.125 (3.18)										
	140-1385 -11	.025 (0.64)	.016 (0.40)	.040 (1.02)	.156 (3.96)	.093 (2.36)	-	.094 (2.39)	.062 (1.57)	.043 (1.09)	-	.025 (0.64)	.067 (1.70)
	-01	.045 (1.14)	.031 (0.79)										
	-02	.094 (2.39)	.062 (1.57)	.062 (1.57)									
4	180-2752 -01	.062 (1.57)	.031 (0.79)	-	.188 (4.78)	.093 (2.36)	-	.125 (3.18)	.060 (1.52)	.042 (1.07)	-	.029 (0.74)	.064 (1.63)
	-02	.094 (2.39)	.062 (1.57)										
	-03	.125 (3.18)	.094 (2.39)										
	-04	.156 (3.96)	.125 (3.18)										
	180-7338 -01*	.062 (1.57)	.031 (0.79)	-	.173 (4.39)	.093 (2.36)	-	.094 (2.39)	.060 (1.52)	.042 (1.07)	-	.029 (0.74)	.064 (1.63)
	-02*	.094 (2.39)	.062 (1.57)										
	-03*	.125 (3.18)	.094 (2.39)										
	-04*	.156 (3.96)	.125 (3.18)										
5	180-2926 -01	.062 (1.57)	.031 (0.79)	.062 (1.57)	.188 (4.78)	.093 (2.36)	-	.125 (3.18)	.060 (1.52)	.042 (1.07)	-	.026 (0.66)	.064 (1.63)
	-02	.094 (2.39)	.062 (1.57)										
	-03	.125 (3.18)	.094 (2.39)										
	-04	.156 (3.96)	.125 (3.18)										
6	140-1028 -01	.063 (1.60)	.031 (0.79)	-	.188 (4.78)	.100 (2.54)	.035 (0.89)	.125 (3.18)	.071 (1.80)	.040 (1.02)	.071 (1.80)	.036 (0.91)	.076 (1.93)
	-02	.094 (2.39)	.062 (1.57)										
	-03	.125 (3.18)	.094 (2.39)										
	-04	.156 (3.96)	.125 (3.18)										
7	140-2187 -11	.030 (0.76)	.016 (0.40)	-	.080 (2.03)	.032 (0.81)	.021 (0.53)	.045 (1.14)	.032 (0.81)	-	-	.015 (0.38)	.036 (0.91)
	-01	.045 (1.14)	.031 (0.79)										
	-02	.077 (1.96)	.062 (1.57)										
	-03	.108 (2.74)	.094 (2.39)										
-04	.139 (3.53)	.125 (3.18)											

SOLDER TERMINALS - SLOTTED



Dimensions in inches (mm)
See page 90 for recommended Anvil and Punch

How to order code

1XX - XXXX - XX - XX - 00

Basic Part No.

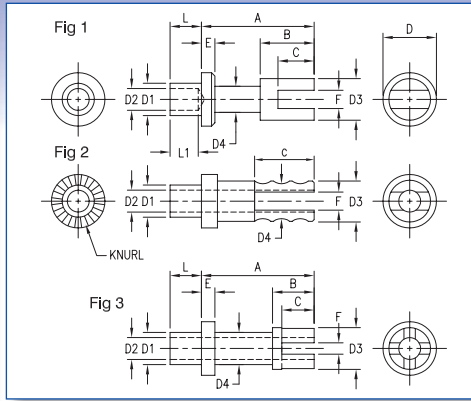
Finish

Material Code Table		
Component	Material	RoHS
Terminal	Brass	✓

Finish Code Table		
Dash No.	Terminal Finish	RoHS
-01	Silver	✓
-03	Gold	✓
-05	Electro-Solder	X

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	E	F	L1	Mtg. Hole Diameter
1	140-1782 -03	.141 (3.58)	.094 (2.39)	.688 (17.48)	.250 (6.35)	.187 (4.75)	.250 (6.35)	.185 (4.70)	.120 (3.05)	.218 (5.54)	.187 (4.75)	.090 (2.29)	-	.189 (4.80)
	-04	.172 (4.37)	.125 (3.18)											
	140-1783 -02	.109 (2.77)	.062 (1.57)	.500 (12.70)	.219 (5.56)	.125 (3.18)	.219 (5.56)	.135 (3.43)	.102 (2.59)	.172 (4.37)	.093 (2.36)	.062 (1.57)	-	.141 (3.57)
	-03	.141 (3.58)	.094 (2.39)											
	-04	.172 (4.37)	.125 (3.18)											
	140-1784 -02	.109 (2.77)	.062 (1.57)	.344 (8.74)	.187 (4.75)	.062 (1.57)	.156 (3.96)	.112 (2.84)	.070 (1.78)	.125 (3.18)	.062 (1.57)	.031 (0.79)	-	.116 (2.95)
-03	.141 (3.58)	.094 (2.39)												
-04	.172 (4.37)	.125 (3.18)												
2	140-1937 -02	.109 (2.77)	.062 (1.57)	.344 (8.74)	.188 (4.78)	.063 (1.60)	.156 (3.96)	.112 (2.84)	.070 (1.78)	.125 (3.18)	.062 (1.57)	.072 (1.83)	.093 (2.36)	.116 (2.95)
	-03	.141 (3.58)	.094 (2.39)											
	-04	.172 (4.37)	.125 (3.18)											
3	140-1969 -01	.078 (1.98)	.031 (0.79)	.328 (8.33)	.207 (5.26)	-	.188 (4.78)	.112 (2.84)	.079 (2.01)	-	-	.053 (1.35)	-	.116 (2.95)
	-02	.109 (2.77)	.062 (1.57)											
	-03	.141 (3.58)	.094 (2.39)											
	-04	.172 (4.37)	.125 (3.18)											
4	180-2228 -01	.297 (7.54)	-	.094 (2.39)	.062 (1.57)	.062 (1.57)	.094 (2.39)	.049 (1.24)	.045 (1.14)	.062 (1.57)	-	.055 (1.40)	-	.046 (1.18)
	-02	.100 (2.54)												
5	140-1578 -02	.109 (2.77)	.062 (1.57)	.375 (9.53)	.125 (3.18)	.093 (2.36)	.188 (4.78)	.150 (3.81)	.081 (2.06)	.125 (3.18)	.093 (2.36)	.064 (1.63)	-	.154 (3.91)
	-03	.141 (3.58)	.094 (2.39)											
	-04	.172 (4.37)	.125 (3.18)											

SOLDER TERMINALS - SLOTTED



Dimensions in inches (mm)
See page 90 for recommended Anvil and Punch

How to order code

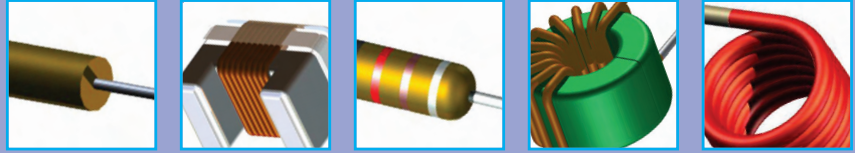
140 - 10XX - XX - 01 - 00

Basic Part No. | Finish

Material Code Table		
Component	Material	RoHS
Terminal	Brass	✓

Finish Code Table		
Dash No.	Terminal Finish	RoHS
-01	Silver	✓

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	D4	E	F	L1	Mtg. Hole Diameter
1	140-1025 -01	.078 (1.98)	.031 (0.79)	.391 (9.93)	.187 (4.75)	.125 (3.18)	.188 (4.78)	.112 (2.84)	.076 (1.93)	.145 (3.68)	.090 (2.29)	.047 (1.19)	.063 (1.60)	.068 (1.73)	.116 (2.95)
	-02	.109 (2.77)	.062 (1.57)											.098 (2.49)	
	-03	.141 (3.58)	.094 (2.39)												
	-04	.172 (4.37)	.125 (3.18)												
2	140-1027 -01	.075 (1.91)	.031 (0.79)	.328 (8.33)	-	.201 (5.11)	.188 (4.78)	.112 (2.84)	.070 (1.78)	.140 (3.56)	.109 (2.77)	.062 (1.57)	.052 (1.32)	-	.116 (2.95)
	-02	.105 (2.67)	.062 (1.57)												
	-03	.135 (3.43)	.094 (2.39)												
	-04	.165 (4.19)	.125 (3.18)												
3	140-1010 -01	.078 (1.98)	.031 (0.79)	.312 (7.92)	.144 (3.66)	.113 (2.87)	.188 (4.78)	.112 (2.84)	.078 (1.98)	.146 (3.71)	.112 (2.84)	.031 (0.79)	.040 (1.02)	-	.116 (2.95)
	-02	.109 (2.77)	.063 (1.60)												
	-03	.141 (3.58)	.094 (2.39)												
	-04	.172 (4.37)	.125 (3.18)												



RF CHOKES - MOULDED

RF CHOKES - EPOXY DIPPED

SURFACE MOUNT WIREWOUND CHIP INDUCTOR

RF INDUCTOR - MOULDED

SURFACE MOUNT SHIELDED POWER INDUCTOR

SURFACE MOUNT UNSHIELDED POWER INDUCTOR

CLASS-D POWER INDUCTOR

RFID TRANSPONDER COIL

RFID TRANSPONDER COIL - CERAMIC

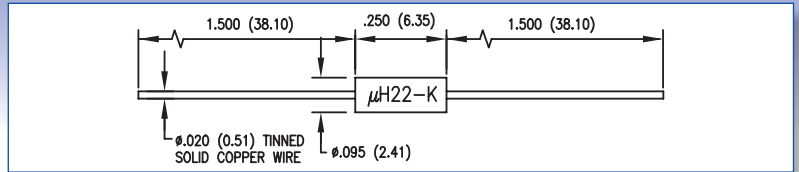
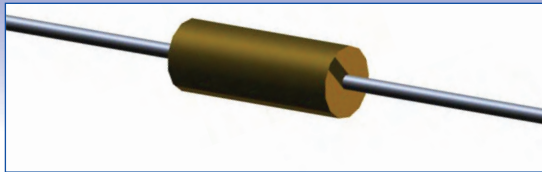
AIR COILS

VARIABLE COILS

section 05

RF CHOKES - MOULDED

Dimensions in inches (mm)



Inductance Tolerance Coded Dash Numbers			
-01	±5%	J	To Order
-02	±10%	K	Standard
Packaging Code			
-00	Loose		
-36	Tape (2,500 Per Reel)		

How to order code

55X - XXXX - XX - XX - XX

Basic Part No.
Inductance
Inductance Tolerance
Inductance Code

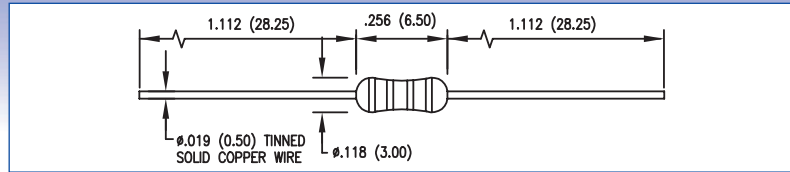
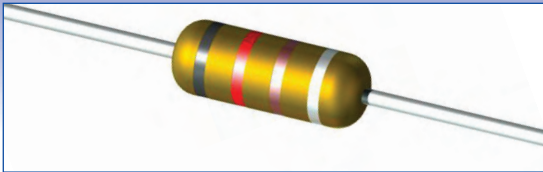
Basic Part No.	Body Marking Inductance & Tolerance	"Q" Min.	Test Frequency (MHz)	DCR Max. (Ω)	DCR Max. (mA)	SRF Min. (MHz)	
551-5172	-01	22nH-K	33	30.0	0.0055	3000	900
	-02	27nH-K	33	30.0	0.0085	3000	900
	-03	33nH-K	33	30.0	0.0255	2800	900
	-04	39nH-K	33	30.0	0.0330	2500	900
	05	47nH-K	33	25.0	0.0380	2340	900
	-06	56nH-K	33	25.0	0.0480	2080	900
	-07	68nH-K	33	25.0	0.0550	1940	900
	-08	82nH-K	33	25.0	0.0650	1790	750
550-3399	-01	μH10-K	40	25.0	0.080	1350	625
	-02	μH12-K	40	25.0	0.090	1270	590
	-03	μH15-K	38	25.0	0.10	1200	550
	-04	μH18-K	35	25.0	0.12	1105	500
	-05	μH22-K	33	25.0	0.14	1025	470
	-06	μH27-K	33	25.0	0.16	960	400
	-07	μH33-K	30	25.0	0.22	815	380
	-08	μH39-K	30	25.0	0.30	700	350
	-09	μH47-K	30	25.0	0.35	650	310
	-10	μH56-K	30	25.0	0.50	545	280
	-11	μH68-K	28	25.0	0.60	495	250
	-12	μH82-K	28	25.0	0.85	415	230
	-13	1μH0-K	25	25.0	1.00	385	210
	-14	1μH2-K	25	7.9	0.18	590	140
	-15	1μH5-K	28	7.9	0.22	535	130
	-16	1μH8-K	30	7.9	0.30	455	115
	-17	2μH2-K	30	7.9	0.40	395	105
	-18	2μH7-K	37	7.9	0.55	355	92.0
	-19	3μH3-K	45	7.9	0.85	270	83.0
	-20	3μH9-K	45	7.9	1.0	250	73.0
	-21	4μH7-K	45	7.9	1.2	230	69.0
	-22	5μH6-K	50	7.9	1.8	185	60.0
	-23	6μH8-K	50	7.9	2.0	175	55.0
	-24	8μH2-K	55	7.9	2.7	155	50.0
	-25	10μH -K	55	7.9	3.7	130	46.0
	-26	12μH -K	45	2.5	2.7	155	37.0
	-27	15μH -K	40	2.5	2.8	150	32.0
	-28	18μH-K	50	2.5	3.1	145	28.0
	-29	22μH-K	50	2.5	3.3	140	23.0
	-30	27μH -K	50	2.5	3.5	135	18.0
	-31	33μH -K	45	2.5	3.4	130	20.0
	-32	39μH -K	45	2.5	3.6	125	19.0
	-33	47μH -K	45	2.5	4.5	110	17.0
	-34	56μH -K	45	2.5	5.7	100	15.0
	-35	68μH -K	50	2.5	6.7	92	13.0
	-36	82μH -K	50	2.5	7.3	88	12.0
	-37	mH10-K	50	2.5	8.0	84	11.0
	-38	mH12-K	30	0.79	13.0	66	10.0
	-39	mH15-K	30	0.79	15.0	61	9.0
	-40	mH18-K	30	0.79	17.0	57	8.5
	-41	mH22-K	30	0.79	21.0	52	7.5
	-42	mH27-K	30	0.79	25.0	47	6.8
	-43	mH33-K	30	0.79	28.0	45	6.0
	-44	mH39-K	30	0.79	35.0	40	5.5
	-45	mH47-K	30	0.79	42.0	36	5.1
	-46	mH56-K	30	0.79	46.0	35	4.2
	-47	mH68-K	30	0.79	60.0	30	3.4
	-48	mH82-K	30	0.79	65.0	29	3.2
	-49	1mH0-K	30	0.79	72.0	28	2.9

Temperature Range: 551-5172 -01 to -08 -55°C to +125°C
 550-3399 -01 to -14 -55°C to +125°C
 550-3399 -15 to -49 -55°C to +105°C

For RoHS Compliant add suffix -LF to the part number
 Conforms to BS9751 N001 Pattern A

RF CHOKES - EPOXY DIPPED

Dimensions in inches (mm)



Inductance Tolerance Coded Dash Numbers			
-02	Tolerance %	A	Standard
-01	Tolerance %	B	To Order
Packaging Code			
-00	Loose		
-36	Tape (3,500 Per Reel)		

How to order code

550 - 8399 - XX - XX - XX

Basic Part No.
Inductance
Tolerance
Packaging

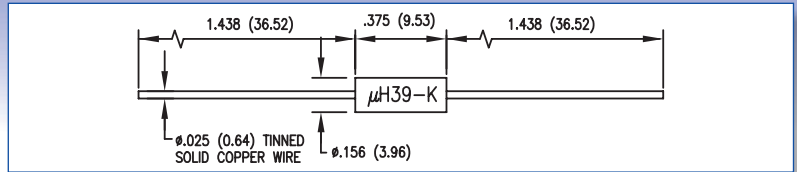
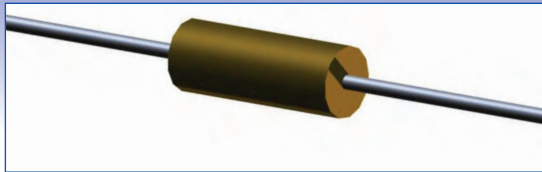
Basic Part No.	Inductance	Tolerance % A	Tolerance % B	"Q" Min.	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)
550-8399-01	μH10	20	10	35	25.2	0.110	1100	600
550-8399-02	μH12	20	10	35	25.2	0.120	1080	570
550-8399-03	μH15	20	10	35	25.2	0.130	1020	500
550-8399-04	μH18	20	10	35	25.2	0.140	1000	460
550-8399-05	μH22	20	10	35	25.2	0.160	990	420
550-8399-06	μH27	20	10	35	25.2	0.170	910	380
550-8399-07	μH33	20	10	35	25.2	0.200	830	330
550-8399-08	μH39	20	10	35	25.2	0.220	790	300
550-8399-09	μH47	20	10	35	25.2	0.250	750	280
550-8399-10	μH56	20	10	35	25.2	0.280	700	260
550-8399-11	μH68	20	10	35	25.2	0.480	530	240
550-8399-12	μH82	20	10	35	25.2	0.550	500	230
550-8399-13	1μH0	10	5	35	25.2	0.250	630	180
550-8399-14	1μH2	10	5	40	7.96	0.250	610	170
550-8399-15	1μH5	10	5	40	7.96	0.300	570	150
550-8399-16	1μH8	10	5	40	7.96	0.300	540	130
550-8399-17	2μH2	10	5	40	7.96	0.350	520	120
550-8399-18	2μH7	10	5	40	7.96	0.400	480	110
550-8399-19	3μH3	10	5	40	7.96	0.500	420	110
550-8399-20	3μH9	10	5	40	7.96	0.550	400	100
550-8399-21	4μH7	10	5	40	7.96	0.650	380	90
550-8399-22	5μH6	10	5	45	7.96	1.30	260	75
550-8399-23	6μH8	10	5	45	7.96	1.45	250	70
550-8399-24	8μH2	10	5	50	7.96	1.60	240	65
550-8399-25	10μH	10	5	50	7.96	1.70	230	60
550-8399-26	12μH	10	5	50	2.52	2.40	190	50
550-8399-27	15μH	10	5	50	2.52	2.70	185	45
550-8399-28	18μH	10	5	60	2.52	0.81	350	14
550-8399-29	22μH	10	5	60	2.52	0.90	335	12
550-8399-30	27μH	10	5	60	2.52	1.00	315	11
550-8399-31	33μH	10	5	60	2.52	1.12	300	10
550-8399-32	39μH	10	5	60	2.52	1.21	285	8.5
550-8399-33	47μH	10	5	60	2.52	2.40	200	7.7
550-8399-34	56μH	10	5	60	2.52	2.60	195	6.8
550-8399-35	68μH	10	5	60	2.52	2.90	185	5.7
550-8399-36	82μH	10	5	60	2.52	3.20	175	5.5
550-8399-37	mH10	10	5	60	2.52	3.50	170	5.3
550-8399-38	mH12	10	5	60	0.79	3.80	160	5.0
550-8399-39	mH15	10	5	60	0.79	4.30	150	4.6
550-8399-40	mH18	10	5	60	0.79	5.30	135	4.2
550-8399-41	mH22	10	5	60	0.79	5.80	130	3.8
550-8399-42	mH27	10	5	60	0.79	7.80	115	3.2
550-8399-43	mH33	10	5	60	0.79	8.70	105	3.0
550-8399-44	mH39	10	5	60	0.79	11.0	95	2.7
550-8399-45	mH47	10	5	60	0.79	12.0	90	2.3
550-8399-46	mH56	10	5	60	0.79	16.5	75	2.2
550-8399-47	mH68	10	5	60	0.79	22.0	65	2.0
550-8399-48	mH82	10	5	60	0.79	25.0	60	1.8
550-8399-49	1mH0	10	5	60	0.79	33.0	55	1.5

Temperature Range: -55°C to +105°C

Devices are RoHS compliant and are fully colour-band coded

RF CHOKES - MOULDED

Dimensions in inches (mm)



Inductance Tolerance Coded Dash Numbers			
-01	±5%	J	To Order
-02	±10%	K	Standard
-03	±20%	M	To Order

Packaging Code	
-00	Loose
-36	Tape (1,000 Per Reel)

How to order code

55X - XXXX - XX - XX - XX

Basic Part No. ——— Inductance Tolerance ——— Inductance Code ——— Packaging

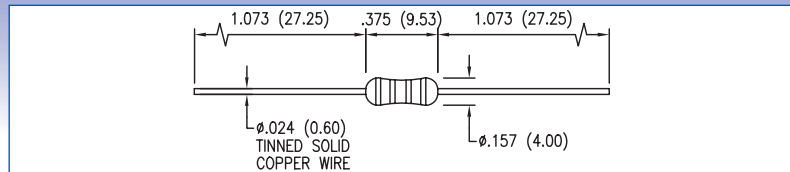
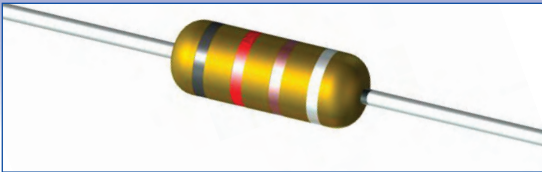
Basic Part No.	Body Marking Inductance & Tolerance	"Q" Min.	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)	
551-5169	-01	22nH-K	45	30.0	0.0094	5400	940
	-02	27nH-K	45	30.0	0.011	5000	940
	-03	39nH-K	45	25.0	0.013	4600	850
	-04	56nH-K	45	25.0	0.015	4300	730
	-05	68nH-K	45	25.0	0.018	3900	660
	-06	82nH-K	45	25.0	0.019	3800	620
	-07	μH10-K	45	25.0	0.021	3600	600
550-3640	-01	μH15-K	50	25.0	0.030	2450	525
	-03	μH18-K	45	25.0	0.040	2400	450
	-05	μH22-K	50	25.0	0.055	1810	450
	-07	μH27-K	45	25.0	0.070	1800	390
	-09	μH33-K	45	25.0	0.090	1400	360
	-11	μH39-K	45	25.0	0.100	1410	330
	-13	μH47-K	45	25.0	0.120	1225	310
	-15	μH56-K	50	25.0	0.135	1190	280
	-17	μH68-K	50	25.0	0.150	1100	250
	-19	μH82-K	50	25.0	0.220	900	220
	-21	1μH0-K	50	25.0	0.290	785	200
	-23	1μH2-K	33	7.9	0.42	650	180
	-25	1μH5-K	33	7.9	0.50	600	160
	-27	1μH8-K	33	7.9	0.65	525	150
	-29	2μH2-K	33	7.9	0.95	425	139
	-31	2μH7-K	33	7.9	1.20	385	120
	-33	3μH3-K	33	7.9	2.00	300	110
	-35	3μH9-K	33	7.9	2.30	280	100.0
	-37	4μH7-K	33	7.9	2.60	260	90.0
	-39	5μH6-K	45	7.9	0.32	495	60.0
	-41	6μH8-K	50	7.9	0.50	395	55.0
	-43	8μH2-K	50	7.9	0.60	360	50.0
	-45	10μH-K	55	7.9	0.90	290	45.0
-47	12μH-K	65	2.5	1.10	265	42.0	
-49	15μH-K	65	2.5	1.40	240	40.0	
-51	18μH-K	75	2.5	2.25	195	34.0	
-53	22μH-K	75	2.5	2.50	175	30.0	
-55	27μH-K	60	2.5	2.60	170	25.0	
-57	33μH-K	65	2.5	3.00	165	19.0	
551-5180	-01	39μH-K	60	2.50	2.60	250	14.5
	-02	47μH-K	55	2.50	2.75	247	13.0
	-03	56μH-K	55	2.50	3.00	243	12.0
	-04	68μH-K	55	2.50	3.30	235	11.0
	-05	82μH-K	50	2.50	3.90	224	10.3
	-06	mH10-K	50	2.50	4.50	214	9.5
	-07	mH12-K	65	0.79	5.20	205	8.7
	-08	mH15-K	65	0.79	6.05	187	8.0
	-09	mH18-K	65	0.79	6.75	183	7.0
	-10	mH22-K	65	0.79	7.45	175	6.2
	-11	mH27-K	65	0.79	9.00	160	5.5
	-12	mH33-K	65	0.79	12.5	150	5.0
	-13	mH39-K	65	0.79	14.0	140	4.5
	-14	mH47-K	65	0.79	18.0	123	4.2
	-15	mH56-K	65	0.79	21.0	114	4.1
	-16	mH68-K	65	0.79	25.0	105	3.8
	-17	mH82-K	65	0.79	30.0	96	3.6
	-18	1mH0-K	65	0.79	35.0	89	3.4
	-19	1mH2-K	35	0.25	60.0	60	2.0

Temperature Range: 551-5169 -01 to -07 -55°C to +125°C
 550-3640 -01 to -37 -55°C to +125°C
 550-3640 -39 to -57 -55°C to +105°C
 551-5180 -01 to -19 -55°C to +100°C

For RoHS Compliant add suffix -LF to the part number
 Conforms to BS9751 N001 Pattern B

RF CHOKES - EPOXY DIPPED

Dimensions in inches (mm)



Inductance Tolerance Coded Dash Numbers

-02	Tolerance %	A	Standard
-01	Tolerance %	B	To Order

Packaging Code

-00	Loose
-36	Tape (3,500 Per Reel)

How to order code

550 - 8640 - XX - XX - XX



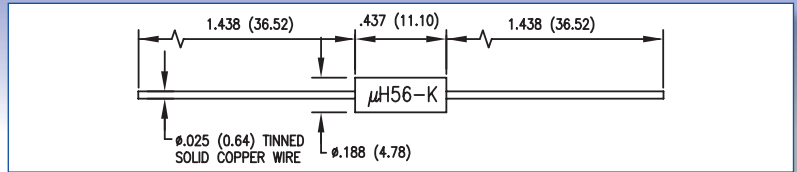
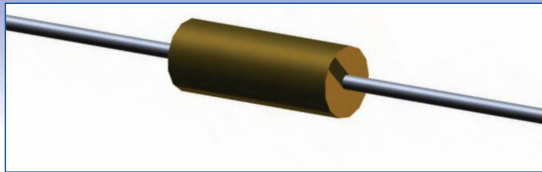
Basic Part No.	Inductance	Tolerance % A	Tolerance % B	"Q" Min.	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)
550-8640-01	μH10	20	10	45	25.2	0.08	1600	380
550-8640-02	μH12	20	10	45	25.2	0.10	1550	360
550-8640-03	μH15	20	10	45	25.2	0.10	1500	340
550-8640-04	μH18	20	10	45	25.2	0.10	1480	320
550-8640-05	μH22	20	10	45	25.2	0.10	1450	300
550-8640-06	μH27	20	10	45	25.2	0.11	1400	270
550-8640-07	μH33	20	10	45	25.2	0.12	1350	250
550-8640-08	μH39	20	10	45	25.2	0.13	1300	230
550-8640-09	μH47	20	10	45	25.2	0.14	1280	220
550-8640-10	μH56	20	10	45	25.2	0.15	1240	210
550-8640-11	μH68	20	10	45	25.2	0.16	1230	200
550-8640-12	μH82	20	10	45	25.2	0.17	1210	190
550-8640-13	1μH0	10	5	45	25.2	0.16	1200	205
550-8640-14	1μH2	10	5	50	7.96	0.18	1150	185
550-8640-15	1μH5	10	5	50	7.96	0.20	1100	165
550-8640-16	1μH8	10	5	55	7.96	0.22	1030	155
550-8640-17	2μH2	10	5	55	7.96	0.25	1000	140
550-8640-18	2μH7	10	5	60	7.96	0.26	940	125
550-8640-19	3μH3	10	5	60	7.96	0.29	900	115
550-8640-20	3μH9	10	5	60	7.96	0.31	850	105
550-8640-21	4μH7	10	5	60	7.96	0.34	820	95
550-8640-22	5μH6	10	5	60	7.96	0.38	780	85
550-8640-23	6μH8	10	5	65	7.96	0.51	670	75
550-8640-24	8μH2	10	5	65	7.96	0.48	690	50
550-8640-25	10μH	10	5	65	7.96	0.49	680	35
550-8640-26	12μH	10	5	50	2.52	0.55	650	30
550-8640-27	15μH	10	5	50	2.52	0.60	610	20
550-8640-28	18μH	10	5	50	2.52	0.67	580	17
550-8640-29	22μH	10	5	50	2.52	0.74	560	13
550-8640-30	27μH	10	5	55	2.52	0.83	530	10
550-8640-31	33μH	10	5	55	2.52	0.92	500	9.0
550-8640-32	39μH	10	5	55	2.52	1.02	470	8.0
550-8640-33	47μH	10	5	40	2.52	1.10	450	7.5
550-8640-34	56μH	10	5	40	2.52	1.23	430	7.0
550-8640-35	68μH	10	5	40	2.52	1.35	410	6.5
550-8640-36	82μH	10	5	35	2.52	1.54	390	6.0
550-8640-37	mH10	10	5	30	2.52	1.70	370	5.0
550-8640-38	mH12	10	5	70	0.79	2.40	300	4.5
550-8640-39	mH15	10	5	70	0.79	2.80	280	4.2
550-8640-40	mH18	10	5	70	0.79	3.00	270	3.9
550-8640-41	mH22	10	5	70	0.79	3.30	250	3.7
550-8640-42	mH27	10	5	70	0.79	5.70	200	2.8
550-8640-43	mH33	10	5	70	0.79	6.40	190	2.7
550-8640-44	mH39	10	5	70	0.79	7.00	180	2.4
550-8640-45	mH47	10	5	70	0.79	7.90	170	2.2
550-8640-46	mH56	10	5	60	0.79	8.80	160	2.0
550-8640-47	mH68	10	5	55	0.79	10.0	150	1.9
550-8640-48	mH82	10	5	55	0.79	12.0	140	1.6
550-8640-49	1mH0	10	5	50	0.79	14.0	130	1.6
550-8640-50	1mH2	10	5	50	0.25	16.9	120	1.3
550-8640-51	1mH5	10	5	40	0.25	21.6	100	1.3
550-8640-52	1mH8	10	5	40	0.25	24.0	95	1.2
550-8640-53	2mH2	10	5	40	0.25	34.7	80	1.1
550-8640-54	2mH7	10	5	40	0.25	40.0	75	1.0
550-8640-55	3mH3	10	5	40	0.25	59.5	62	0.90
550-8640-56	3mH9	10	5	40	0.25	66.0	59	0.80
550-8640-57	4mH7	10	5	40	0.25	74.0	55	0.70
550-8640-58	5mH6	10	5	30	0.25	70.0	40	0.55
550-8640-59	6mH8	10	5	30	0.25	90.0	35	0.50
550-8640-60	8mH2	10	5	30	0.25	95.0	30	0.40
550-8640-61	10mH0	10	5	20	0.25	115	25	0.35

Temperature Range: -55°C to +105°C

Devices are RoHS compliant and are fully colour-band coded

RF CHOKES - MOULDED

Dimensions in inches (mm)



Inductance Tolerance Coded Dash Numbers			
-01	±5%	J	To Order
-02	±10%	K	Standard
-03	±20%	M	To Order

Packaging Code	
-00	Loose
-36	Tape (1,000 Per Reel)

How to order code

550 - 2960 - XX - XX - XX

Basic Part No. Packaging Inductance Tolerance Inductance Code

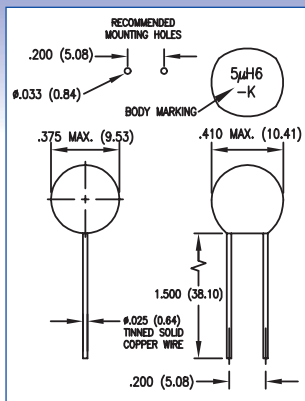
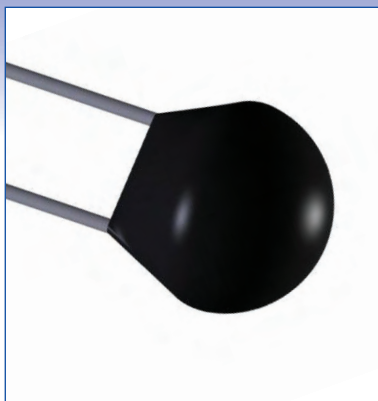
Basic Part No.	Body Marking Inductance & Tolerance	"Q" Min.	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)
550-2960	-21	μH15-K	55	25.0	0.030	3000
	-22	μH22-K	50	25.0	0.035	2800
	-23	μH33-K	50	25.0	0.065	2000
	-24	μH47-K	50	25.0	0.085	1700
	-25	μH56-K	50	25.0	0.125	1450
	-26	μH68-K	45	25.0	0.150	1300
	-27	μH82-K	40	25.0	0.205	1100
	-28	1μH0-K	40	25.0	0.290	930
	-29	1μH2-K	30	7.9	0.400	795
	-30	1μH5-K	30	7.9	0.485	700
	-31	1μH8-K	30	7.9	0.740	580
	-32	2μH2-K	30	7.9	0.970	505
	-33	2μH7-K	30	7.9	1.200	460
	-34	3μH3-K	30	7.9	0.140	990
	-35	3μH9-K	30	7.9	0.155	870
	-36	4μH7-K	30	7.9	0.210	745
	-37	5μH6-K	30	7.9	0.280	645
	-38	6μH8-K	30	7.9	0.375	550
	-39	8μH2-K	30	7.9	0.440	540
	-40	10μH-K	30	7.9	0.605	440
	-41	12μH-K	50	2.5	1.05	370
	-42	15μH-K	55	2.5	1.20	310
	-43	18μH-K	60	2.5	1.95	255
	-44	22μH-K	60	2.5	2.20	240
	-45	27μH-K	65	2.5	2.75	205

Temperature Range: -55°C to +100°C

For RoHS Compliant add suffix -LF to the part number
Conforms to BS9751 N001 Pattern E

RF CHOKES - EPOXY DIPPED

Dimensions in inches (mm)



Inductance Tolerance Coded Dash Numbers

-01	±5%	J	To Order
-02	±10%	K	Standard

How to order code

553 - 3635 - XX - XX - 00

Basic Part No. Inductance Inductance Tolerance Inductance Code

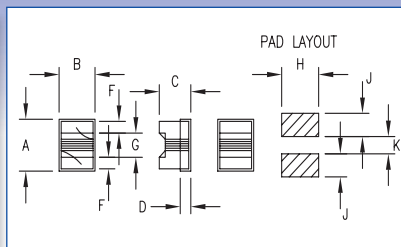
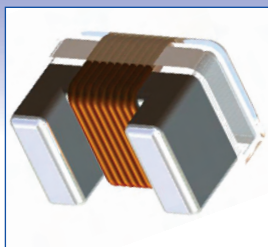
Basic Part No.	Body Marking Inductance & Tolerance	"Q" Min.	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (mA)	Incremental Current (mA)	SRF Min. (MHz)
553-3635-01	1µH0-K	80	7.9	0.070	2100	2100	144
553-3635-02	1µH2-K	80	7.9	0.070	2100	2100	135
553-3635-03	1µH5-K	80	7.9	0.100	1800	1800	117
553-3635-04	1µH8-K	80	7.9	0.130	1650	1650	100
553-3635-05	2µH2-K	80	7.9	0.140	1550	1500	90.0
553-3635-06	2µH7-K	80	7.9	0.180	1450	1450	81.0
553-3635-07	3µH3-K	80	7.9	0.200	1350	1350	72.0
553-3635-08	3µH9-K	80	7.9	0.220	1250	1250	58.0
553-3635-09	4µH7-K	80	7.9	0.250	1250	1250	45.0
553-3635-10	5µH6-K	80	7.9	0.330	1150	1150	40.0
553-3635-11	6µH8-K	80	7.9	0.370	950	950	34.0
553-3635-12	8µH2-K	80	7.9	0.430	900	900	32.0
553-3635-13	10µH-K	80	7.9	0.470	870	870	29.0
553-3635-14	12µH-K	90	2.5	0.500	870	290	32.0
553-3635-15	15µH-K	90	2.5	0.520	850	260	30.0
553-3635-16	18µH-K	90	2.5	0.550	800	240	22.0
553-3635-17	22µH-K	90	2.5	0.600	750	220	20.0
553-3635-18	27µH-K	90	2.5	0.600	720	200	14.0
553-3635-19	33µH-K	90	2.5	0.650	700	185	11.0
553-3635-20	39µH-K	90	2.5	0.700	650	167	10.0
553-3635-21	47µH-K	90	2.5	0.800	630	156	9.00
553-3635-22	56µH-K	85	2.5	0.900	600	142	9.00
553-3635-23	68µH-K	85	2.5	1.10	570	132	8.00
553-3635-24	82µH-K	80	2.5	1.20	550	116	7.50
553-3635-25	mH10-K	80	2.5	1.30	500	110	7.00
553-3635-26	mH12-K	90	0.79	1.40	480	102	6.20
553-3635-27	mH15-K	90	0.79	1.60	450	88.0	5.00
553-3635-28	mH18-K	90	0.79	1.80	430	80.0	4.50
553-3635-29	mH22-K	90	0.79	2.00	430	78.0	4.20
553-3635-30	mH27-K	90	0.79	2.30	380	75.0	4.00
553-3635-31	mH33-K	90	0.79	2.70	350	68.0	3.70
553-3635-32	mH39-K	90	0.79	3.00	330	62.0	3.40
553-3635-33	mH47-K	90	0.79	3.30	310	56.0	3.00
553-3635-34	mH56-K	80	0.79	3.50	300	51.0	3.00
553-3635-35	mH68-K	80	0.79	4.50	280	46.0	2.80
553-3635-36	mH82-K	80	0.79	7.50	225	42.0	2.50
553-3635-37	1mH0-K	80	0.79	8.50	220	38.0	2.30
553-3635-38	1mH2-K	70	0.25	9.00	200	33.0	2.00
553-3635-39	1mH5-K	70	0.25	9.50	190	28.0	1.80
553-3635-40	1mH8-K	70	0.25	14.0	150	25.0	1.50
553-3635-41	2mH2-K	70	0.25	15.0	150	23.0	1.35
553-3635-42	2mH7-K	70	0.25	17.0	135	21.0	1.25
553-3635-43	3mH3-K	70	0.25	20.0	125	19.0	1.10
553-3635-44	3mH9-K	70	0.25	23.0	120	17.0	1.00
553-3635-45	4mH7-K	70	0.25	27.0	110	16.0	0.90
553-3635-46	5mH6-K	65	0.25	48.0	91	15.0	0.85
553-3635-47	6mH8-K	60	0.25	55.0	86	13.0	0.75
553-3635-48	8mH2-K	60	0.25	70.0	69	12.0	0.72
553-3635-49	10mH-K	60	0.25	75.0	69	11.0	0.70
553-3635-50	12mH-K	40	0.079	80.0	69	10.5	0.60
553-3635-51	15mH-K	40	0.079	95.0	61	9.50	0.50
553-3635-52	18mH-K	40	0.079	110	55	7.50	0.48
553-3635-53	22mH-K	40	0.079	150	49	7.00	0.42
553-3635-54	27mH-K	35	0.079	190	43	6.50	0.39
553-3635-55	33mH-K	35	0.079	220	39	6.00	0.36
553-3635-56	39mH-K	35	0.079	250	37	5.00	0.30
553-3635-57	47mH-K	30	0.079	300	33	4.70	0.27
553-3635-58	56mH-K	30	0.079	350	31	4.30	0.26
553-3635-59	68mH-K	30	0.079	380	30	3.90	0.25
553-3635-60	82mH-K	25	0.079	500	26	3.50	0.21
553-3635-61	H10-K	25	0.079	550	25	3.20	0.19

Temperature Range: -55°C to +105°C

For RoHS Compliant add suffix -LF to the part number
Incremental current, decreases inductance by 5%

SURFACE MOUNT WIREWOUND CHIP INDUCTOR

Dimensions in inches (mm)



Packaging	
555-0402	4,000 pcs per 178mm reel
555-0603/0805	3,000 pcs per 178mm reel
555-1008	2,000 pcs per 178mm reel

Inductance Tolerance Coded Dash Numbers	
B	±0.15nH
S	±0.30nH
G	±2%
J	±5%
K	±10%
M	±20%

How to order code

555 - XXXX - XX - XX - 36

Basic Part No. Inductance Tolerance Inductance Code

Basic Part No.	Inductance	Tolerance Available	"Q" Min.	Test Frequency (MHz)		DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)	
				Inductance	Q				
555-0402	-1N-0	1.00nH	K	69	250	1700	0.045	1360	12700
	-2N-0	2.00nH	J,K	75	250	1700	0.700	1040	11100
	-2N-2	2.20nH	J,K	100	250	1700	0.070	960	10800
	-2N-7	2.70nH	G,J,K	61	250	1700	0.120	640	10400
	-3N-3	3.30nH	G,J,K	87	250	1700	0.066	840	7000
	-3N-9	3.90nH	G,J,K	75	250	1700	0.066	840	5800
	-4N-7	4.70nH	G,J,K	68	250	1700	0.130	640	4700
	-5N-6	5.60nH	G,J,K	81	250	1700	0.083	760	4800
	-6N-8	6.80nH	G,J,K	78	250	1700	0.083	680	4800
	-8N-2	8.20nH	G,J,K	84	250	1700	0.104	680	4400
	-10-N	10.00nH	G,J,K	67	250	1700	0.195	480	3900
	-12-N	12.00nH	G,J,K	71	250	1700	0.120	640	3600
	-15-N	15.00nH	G,J,K	77	250	1700	0.172	560	3280
	-18-N	18.00nH	G,J,K	62	250	1700	0.230	420	3100
	-22-N	22.00nH	G,J,K	53	250	1700	0.300	400	2800
	-27-N	27.00nH	G,J,K	63	250	1700	0.300	400	2480
	-33-N	33.00nH	G,J,K	32	250	1700	0.350	400	2350
	-47-N	47.00nH	G,J,K	37	250	1700	0.830	150	2100
-56-N	56.00nH	G,J,K	40	250	1700	0.970	100	1760	
-68-N	68.00nH	G,J,K	38	250	1700	1.120	100	1620	
555-0603	-2N-0	2.00nH	B,S	16	250	250	0.080	700	6900
	-3N-9	3.90nH	B,S	22	250	250	0.080	700	6900
	-4N-7	4.70nH	B,S	20	250	250	0.110	700	5800
	-6N-8	6.80nH	B,J,K	30	250	250	0.110	700	5800
	-8N-2	8.20nH	B,J,K	30	250	250	0.110	700	4600
	-10-N	10.0nH	G,J,K	30	250	250	0.130	700	4800
	-12-N	12.0nH	G,J,K	35	250	250	0.130	700	4000
	-15-N	15.0nH	G,J,K	35	250	250	0.170	700	4000
	-18-N	18.0nH	G,J,K	38	250	250	0.170	700	3100
	-22-N	22.0nH	G,J,K	38	250	250	0.220	700	3000
	-27-N	27.0nH	G,J,K	40	250	250	0.220	600	2800
	-33-N	33.0nH	G,J,K	43	250	250	0.220	600	2300
	-39-N	39.0nH	G,J,K	43	250	250	0.250	600	2200
	-4-7N	47.0nH	G,J,K	40	200	200	0.280	600	2000
	-56-N	56.0nH	G,J,K	40	200	200	0.310	600	1900
	-68-N	68.0nH	G,J,K	40	200	200	0.340	600	1700
	-72-N	72.0nH	G,J,K	35	150	150	0.490	400	1700
	-82-N	82.0nH	G,J,K	35	150	150	0.540	400	1700
	-R-10	100nH	G,J,K	35	150	150	0.630	400	1400
	-R-12	120nH	G,J,K	35	150	150	0.650	300	1300
-R-15	150nH	G,J,K	35	150	150	0.920	280	1000	
-R-18	180nH	G,J,K	30	100	100	1.25	240	1000	
-R-22	220nH	G,J,K	30	100	100	1.70	200	1000	
-R-27	270nH	G,J,K	30	100	100	1.80	170	1000	
555-0805	-2N-2	2.20nH	G,J,K,M	50	250	1500	0.080	600	6000
	-3N-3	3.30nH	G,J,K,M	50	250	1500	0.080	600	6000
	-6N-8	6.80nH	G,J,K,M	50	250	1000	0.110	600	5500
	-8N-2	8.20nH	G,J,K,M	50	250	1000	0.120	600	4700
	-12-N	12.0nH	G,J,K,M	50	250	500	0.150	600	4000
	-15-N	15.0nH	G,J,K,M	50	250	500	0.170	600	3400
	-18-N	18.0nH	G,J,K,M	50	250	500	0.200	600	3300
	-22-N	22.0nH	G,J,K,M	55	250	500	0.220	500	2600
	-27-N	27.0nH	G,J,K,M	55	250	500	0.250	500	2500
	-33-N	33.0nH	G,J,K,M	60	250	500	0.270	500	2050
-39-N	39.0nH	G,J,K,M	60	250	500	0.290	500	2000	

Temperature Range: **-40°C to +125°C**

Preferred tolerance in bold

Devices are RoHS compliant. Inductance drops typically 10% at DC Max.. with a temperature rise of <15°C

Former : Ceramic

Terminals : Super-adhesion molybdenum/manganese with gold over plating

SURFACE MOUNT WIREWOUND CHIP INDUCTOR

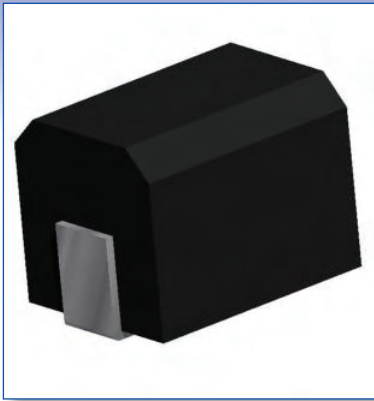
Dimensions in inches (mm)

Basic Part No.	Inductance	Tolerance Available	"Q" Min.	Test Frequency (MHz)		DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)	
				Inductance	Q				
555-0805	-47-N	47.0nH	G,J,K,M	60	200	500	0.310	500	1650
	-56-N	56.0nH	G,J,K,M	60	200	500	0.340	500	1550
	-68-N	68.0nH	G,J,K,M	60	200	500	0.380	500	1450
	-82-N	82.0nH	G,J,K,M	65	150	500	0.420	400	1300
	-R-10	100nH	G,J,K,M	65	150	500	0.460	400	1200
	-R-12	120nH	G,J,K,M	50	150	250	0.510	400	1100
	-R-15	150nH	G,J,K,M	50	100	250	0.560	400	920
	-R-18	180nH	G,J,K,M	50	100	250	0.640	400	870
	-R-22	220nH	G,J,K,M	40	100	250	0.700	400	850
	-R-27	270nH	G,J,K,M	40	100	250	1.10	280	800
	-R-33	330nH	G,J,K,M	40	100	250	1.20	260	750
	-R-39	390nH	G,J,K,M	40	100	250	1.50	200	700
	-R-47	470nH	G,J,K,M	40	100	100	2.50	170	650
	-R-56	560nH	G,J,K,M	30	50	50	3.50	170	600
	-R-68	680nH	G,J,K,M	30	50	50	4.00	170	550
-R-82	820nH	G,J,K,M	25	50	50	4.40	170	450	
-1-R0	1.00μH	G,J,K,M	25	50	50	4.70	150	350	
555-1008	-10-N	10.0nH	G,J,K	50	50	500	0.080	1000	4100
	-12-N	12.0nH	G,J,K	50	50	500	0.090	1000	3300
	-15-N	15.0nH	G,J,K	50	50	500	0.110	1000	2500
	-18-N	18.0nH	G,J,K	50	50	350	0.110	1000	2500
	-22-N	22.0nH	G,J,K	55	50	350	0.120	1000	2400
	-27-N	27.0nH	G,J,K	55	50	350	0.130	1000	1600
	-33-N	33.0nH	G,J,K	60	50	350	0.140	1000	1600
	-39-N	39.0nH	G,J,K	60	50	350	0.150	1000	1500
	-47-N	47.0nH	G,J,K	65	50	350	0.160	1000	1500
	-56-N	56.0nH	G,J,K	65	50	350	0.180	1000	1300
	-68-N	68.0nH	G,J,K	65	50	350	0.200	1000	1300
	-82-N	82.0nH	G,J,K	60	50	350	0.220	1000	1000
	-R-10	100nH	G,J,K	60	25	350	0.560	650	1000
	-R-12	120nH	G,J,K	60	25	350	0.630	650	950
	-R-15	150nH	G,J,K	45	25	100	0.700	580	850
	-R-18	180nH	G,J,K	45	25	100	0.770	520	700
	-R-22	220nH	G,J,K	45	25	100	0.840	500	700
	-R-27	270nH	G,J,K	45	25	100	0.910	500	600
	-R-33	330nH	G,J,K	45	25	100	1.05	450	570
	-R-39	390nH	G,J,K	45	25	100	1.12	470	500
	-R-47	470nH	G,J,K	45	25	100	1.19	470	450
	-R-56	560nH	G,J,K	45	25	100	1.33	400	415
	-R-62	620nH	G,J,K	45	25	100	1.40	300	375
	-R-68	680nH	G,J,K	45	25	100	1.47	400	375
	-R-75	750nH	G,J,K	45	25	100	1.54	360	360
	-R-82	820nH	G,J,K	45	25	100	1.61	400	350
	-R-91	910nH	G,J,K	35	25	50	1.68	380	320
	-1R-0	1.00μH	G,J,K	35	25	50	1.75	370	290
	-1R-2	1.20μH	G,J,K	35	7.9	50	2.00	310	250
	-1R-5	1.50μH	G,J,K	28	7.9	50	2.30	330	200
	-1R-8	1.80μH	G,J,K	25	7.9	50	2.60	300	150
	-2R-2	2.20μH	G,J,K	25	7.9	50	2.80	280	130
	-2R-7	2.70μH	G,J,K	22	7.9	25	3.20	290	100
	-3R-3	3.30μH	G,J,K	22	7.9	25	3.40	290	80
	-3R-9	3.90μH	G,J,K	20	7.9	25	3.60	260	60
-4R-7	4.70μH	G,J,K	15	7.9	25	4.00	260	60	
-5R-6	5.60μH	G,J,K	20	7.9	7.9	7.00	200	55	
-6R-8	6.80μH	G,J,K	20	7.9	7.9	8.00	180	45	
-8R-2	8.20μH	G,J,K	20	7.9	7.9	9.50	150	35	
-10-0	10.0μH	G,J,K	20	7.9	7.9	12.0	100	25	

Series	A Max.	B Max.	C Max.	D Ref	E	F	G	H	J	K
555-0402	.050 (1.27)	.030 (0.76)	.024 (0.61)	.006 (0.15)	.020 (0.50)	.009 (0.23)	.022 (0.56)	.026 (0.66)	.020 (0.50)	.018 (0.46)
555-0603	.071 (1.80)	.047 (1.20)	.049 (1.25)	.020 (0.50)	.039 (1.00)	.013 (0.33)	.034 (0.860)	.040 (1.02)	.025 (0.64)	.025 (0.64)
555-0805	.090 (2.29)	.068 (1.73)	.060 (1.52)	.020 (0.50)	.047 (1.20)	.020 (0.50)	.040 (1.02)	.070 (1.78)	.040 (1.02)	.030 (0.76)
555-1008	.115 (2.92)	.110 (2.79)	.088 (2.23)	.020 (0.50)	.080 (2.03)	.020 (0.50)	.060 (1.52)	.100 (2.54)	.040 (1.02)	.050 (1.27)

RF INDUCTOR - MOULDED

Dimensions in inches (mm)

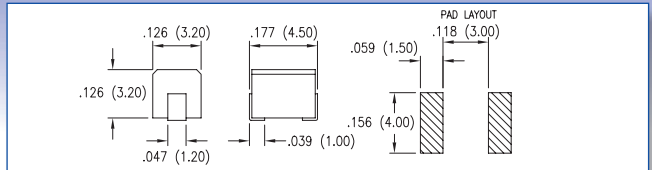


Packaging Code

-00	Loose
-36	Tape (2,000 per reel)
-38	Tape (500 per reel)

Inductance Tolerance Coded Dash Numbers

J	±5%	To Order
K	±10%	Standard
M	±20%	To Order



How to order code

555 - 1812 - XXX - X - XX



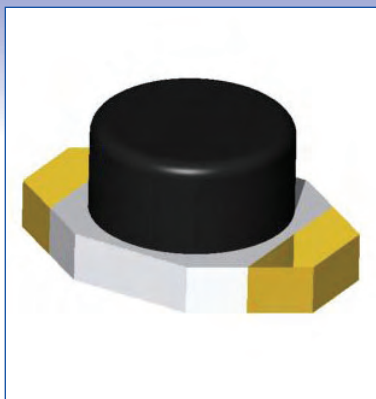
Basic Part No.	Inductance	"Q" Min.	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)	
555-1812	-R10	0.100μH	35	25.2	0.180	800	300
	-R12	0.120μH	35	25.2	0.200	770	280
	-R15	0.150μH	35	25.2	0.220	730	250
	-R18	0.180μH	35	25.2	0.240	700	220
	-R22	0.220μH	40	25.2	0.250	665	200
	-R27	0.270μH	40	25.2	0.260	635	180
	-R33	0.330μH	40	25.2	0.280	605	165
	-R39	0.390μH	40	25.2	0.300	575	150
	-R47	0.470μH	40	25.2	0.320	545	145
	-R56	0.560μH	40	25.2	0.360	520	140
	-R68	0.680μH	40	25.2	0.400	500	135
	-R82	0.820μH	40	25.2	0.450	475	130
	-1R0	1.00μH	50	7.96	0.500	450	100
	-1R2	1.20μH	50	7.96	0.550	430	80.0
	-1R5	1.50μH	50	7.96	0.600	410	70.0
	-1R8	1.80μH	50	7.96	0.650	390	60.0
	-2R2	2.20μH	50	7.96	0.700	380	55.0
	-2R7	2.70μH	50	7.96	0.750	370	50.0
	-3R3	3.30μH	50	7.96	0.800	355	45.0
	-3R9	3.90μH	50	7.96	0.900	330	40.0
	-4R7	4.70μH	50	7.96	1.00	315	35.0
	-5R6	5.60μH	50	7.96	1.10	300	33.0
	-6R8	6.80μH	50	7.96	1.20	285	27.0
	-8R2	8.20μH	50	7.96	1.40	270	25.0
	-100	10.0μH	50	2.52	1.60	250	20.0
	-120	12.0μH	50	2.52	2.00	225	18.0
	-150	15.0μH	50	2.52	2.50	200	17.0
	-180	18.0μH	50	2.52	2.80	190	15.0
	-220	22.0μH	50	2.52	3.20	180	13.0
	-270	27.0μH	50	2.52	3.60	170	12.0
	-330	33.0μH	50	2.52	4.00	160	11.0
	-390	39.0μH	50	2.52	4.50	150	10.0
	-470	47.0μH	50	2.52	5.00	140	10.0
	-560	56.0μH	50	2.52	5.50	135	9.00
	-680	68.0μH	50	2.52	6.00	130	9.00
	-820	82.0μH	50	2.52	7.00	120	8.00
	-101	100μH	40	0.796	8.00	110	8.00
	-121	120μH	40	0.796	8.00	110	6.00
	-151	150μH	40	0.796	9.00	105	5.00
	-181	180μH	40	0.796	9.50	102	5.00
	-221	220μH	40	0.796	10.0	100	4.00
	-271	270μH	40	0.796	12.0	92.0	4.00
	-331	330μH	40	0.796	14.0	85.0	3.50
	-391	390μH	40	0.796	18.0	80.0	3.00
	-471	470μH	40	0.796	26.0	62.0	3.00
-561	560μH	30	0.796	30.0	50.0	3.00	
-681	680μH	30	0.796	30.0	50.0	3.00	
-821	820μH	30	0.796	35.0	30.0	2.50	
-102	1.00mH	20	0.252	40.0	30.0	2.50	

Temperature Range: -40°C to +125°C

Devices are RoHS compliant
Inductance drops typically 10% at DC Max..

SURFACE MOUNT SHIELDED POWER INDUCTOR

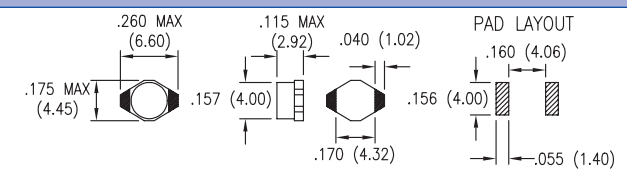
Dimensions in inches (mm)



Packaging
2,500 pcs per 330mm reel

Inductance Tolerance Coded Dash Numbers

K	±10%	To Order
M	±20%	Standard



How to order code

555 - 1608 - XX - XX - 36

Basic Part No. Inductance Tolerance Inductance Code

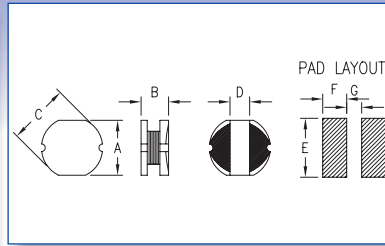
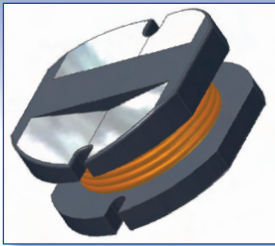
Basic Part No.	Inductance	Test Frequency (KHz)	DCR Max. (Ω)	DC Max. (A)
555-1608 -1R-0	1.00μH	100	0.040	3.0
-1R-5	1.50μH	100	0.045	2.8
-2R-2	2.20μH	100	0.050	1.8
-3R-3	3.30μH	100	0.055	1.6
-4R-7	4.70μH	100	0.060	1.4
-6R-8	6.80μH	100	0.065	1.2
-10-0	10.0μH	100	0.075	1.0
-15-0	15.0μH	100	0.090	0.80
-22-0	22.0μH	100	0.110	0.70
-33-0	33.0μH	100	0.190	0.60
-47-0	47.0μH	100	0.230	0.50
-68-0	68.0μH	100	0.290	0.40
-10-1	100μH	100	0.480	0.30
-15-1	150μH	100	0.590	0.26
-22-1	220μH	100	0.770	0.22
-33-1	330μH	100	1.40	0.20
-47-1	470μH	100	1.80	0.19
-68-1	680μH	100	2.20	0.18
-10-2	1.00mH	100	3.40	0.15
-15-2	1.50mH	100	4.20	0.12
-22-2	2.20mH	100	8.50	0.10
-33-2	3.30mH	100	11.0	0.08
4-7-2	4.70mH	100	13.9	0.06
-68-2	6.80mH	100	25.0	0.04
-10-3	10.0mH	100	32.8	0.02

Temperature Range: -40°C to +85°C

Devices are RoHS compliant
Inductance drops typically 10% at DC Max..
with a temperature rise of 30°C

SURFACE MOUNT UNSHIELDED POWER INDUCTOR

Dimensions in inches (mm)



Inductance Tolerance Coded Dash Numbers

K	±10%	To Order
M	±20%	Standard

Packaging

555-8060/8062	1,500 pcs per 330mm reel
555-8064/8066	1,000 pcs per 330mm reel
555-8068	500 pcs per 330mm reel

How to order code

555 - 80XX - XX - XX - 36

Basic Part No. Inductance Tolerance Inductance Code

	Basic Part No.	Inductance (µH)	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (A)
555-8060	-1R-0	1.00	7.96	0.033	3.80
	-1R-4	1.40	7.96	0.038	3.30
	-1R-8	1.80	7.96	0.042	2.91
	-2R-2	2.20	7.96	0.047	2.60
	-2R-7	2.70	7.96	0.052	2.43
	-3R-3	3.30	7.96	0.058	2.15
	-3R-9	3.90	7.96	0.076	1.98
	-4R-7	4.70	7.96	0.094	1.70
	-5R-6	5.60	7.96	0.101	1.60
	-6R-8	6.80	7.96	0.117	1.41
	-8R-2	8.20	7.96	0.132	1.26
	-10-0	10.0	2.52	0.182	1.15
	-12-0	12.0	2.52	0.210	1.05
	-15-0	15.0	2.52	0.235	0.920
	-18-0	18.0	2.52	0.338	0.840
	-22-0	22.0	2.52	0.378	0.760
	-27-0	27.0	2.52	0.522	0.710
	-33-0	33.0	2.52	0.540	0.640
	-39-0	39.0	2.52	0.587	0.590
	-47-0	47.0	2.52	0.844	0.540
	-56-0	56.0	2.52	0.937	0.500
	-68-0	68.0	2.52	1.12	0.460
	-82-0	82.0	0.100	1.35	0.450
	-10-1	100	0.100	1.52	0.440
	-12-1	120	0.100	1.80	0.430
	-15-1	150	0.100	2.00	0.420
	-18-1	180	0.100	3.20	0.380
-22-1	220	0.100	3.40	0.360	
-27-1	270	0.100	3.90	0.340	
-33-1	330	0.100	5.30	0.280	
-39-1	390	0.100	5.90	0.240	
-47-1	470	0.100	6.80	0.210	
-56-1	560	0.100	8.50	0.200	
-68-1	680	0.100	10.0	0.180	
-82-1	820	0.100	13.4	0.150	
-10-2	1000	0.100	15.6	0.140	
555-8062	-1R-0	1.00	7.96	0.015	5.90
	-1R-2	1.20	7.96	0.020	5.20
	-1R-5	1.50	7.96	0.025	4.70
	-1R-8	1.80	7.96	0.030	4.00
	-2R-2	2.20	7.96	0.035	3.80
	-2R-7	2.70	7.96	0.040	3.40
	-3R-3	3.30	7.96	0.045	3.30
	-3R-9	3.90	7.96	0.050	2.90
	-4R-7	4.70	7.96	0.060	2.80
	-5R-6	5.60	7.96	0.070	2.40
	-6R-8	6.80	7.96	0.080	2.10
	-8R-2	8.20	7.96	0.090	2.00
	-10-0	10.0	2.52	0.10	1.44
	-12-0	12.0	2.52	0.12	1.40
	-15-0	15.0	2.52	0.14	1.30
	-18-0	18.0	2.52	0.15	1.23
	-22-0	22.0	2.52	0.18	1.11
	-27-0	27.0	2.52	0.20	0.970
	-33-0	33.0	2.52	0.23	0.880
	-39-0	39.0	2.52	0.32	0.800
	-47-0	47.0	2.52	0.37	0.720
	-56-0	56.0	2.52	0.42	0.680
	-68-0	68.0	2.52	0.46	0.610
	-82-0	82.0	2.52	0.60	0.580
	-10-1	100	0.100	0.70	0.520
	-12-1	120	0.100	0.93	0.480
	-15-1	150	0.100	1.1	0.400
-18-1	180	0.100	1.4	0.380	
-22-1	220	0.100	1.6	0.350	
-27-1	270	0.100	1.7	0.320	

Temperature Range: -40°C to +85°C

Devices are RoHS compliant
Inductance drops typically 10% at DC Max..
Dimensional Tolerance ± .012 (±0.3)

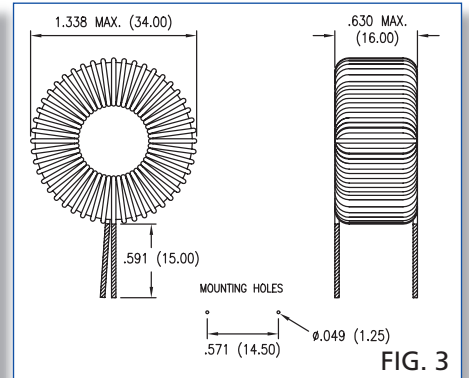
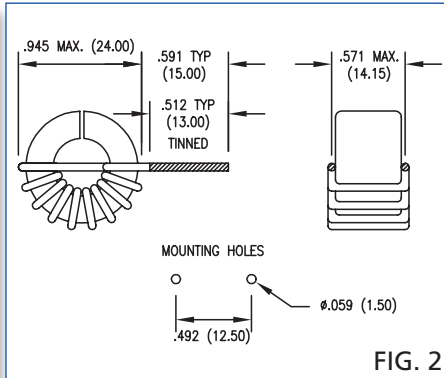
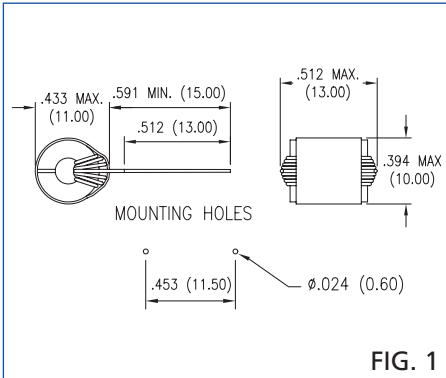
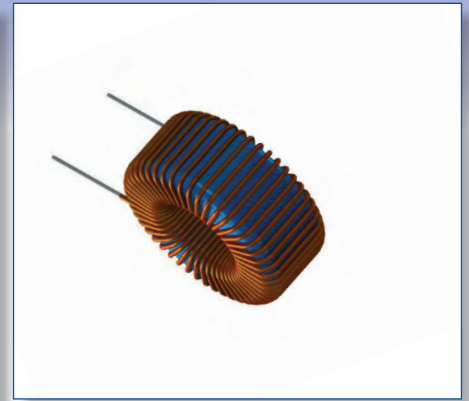
SURFACE MOUNT UNSHIELDED POWER INDUCTOR

	Basic Part No.	Inductance (μH)	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (A)
555-8062	-33-1	330	0.100	1.7	0.280
	-39-1	390	0.100	1.8	0.260
	-47-1	470	0.100	2.3	0.230
	-56-1	560	0.100	2.5	0.200
	-68-1	680	0.100	3.0	0.190
	-82-1	820	0.100	4.5	0.160
	-10-2	1000	0.100	4.8	0.140
555-8064	-10-0	10.0	2.52	0.080	1.44
	-12-0	12.0	2.52	0.090	1.39
	-15-0	15.0	2.52	0.10	1.24
	-18-0	18.0	2.52	0.11	1.10
	-22-0	22.0	2.52	0.13	1.00
	-27-0	27.0	2.52	0.15	0.900
	-33-0	33.0	2.52	0.17	0.850
	-39-0	39.0	2.52	0.22	0.740
	-47-0	47.0	2.52	0.25	0.680
	-56-0	56.0	2.52	0.28	0.640
	-68-0	68.0	2.52	0.33	0.590
	-82-0	82.0	2.52	0.41	0.540
	-10-1	100	0.100	0.48	0.510
	-12-1	120	0.100	0.54	0.490
	-15-1	150	0.100	0.75	0.400
	-18-1	180	0.100	1.0	0.360
	-22-1	220	0.100	1.2	0.310
	-27-1	270	0.100	1.3	0.290
	-33-1	330	0.100	1.5	0.280
	-39-1	390	0.100	1.8	0.260
	-47-1	470	0.100	2.0	0.230
	-56-1	560	0.100	2.3	0.210
	-68-1	680	0.100	2.7	0.130
	-82-1	820	0.100	3.2	0.110
	-10-2	1000	0.100	3.8	0.080
555-8066	-10-0	10.0	2.52	0.070	2.30
	-12-0	12.0	2.52	0.080	2.00
	-15-0	15.0	2.52	0.090	1.80
	-18-0	18.0	2.52	0.10	1.60
	-22-0	22.0	2.52	0.11	1.50
	-27-0	27.0	2.52	0.12	1.30
	-33-0	33.0	2.52	0.13	1.20
	-39-0	39.0	2.52	0.16	1.10
	-47-0	47.0	2.52	0.18	1.10
	-56-0	56.0	2.52	0.24	0.940
	-68-0	68.0	2.52	0.28	0.850
	-82-0	82.0	2.52	0.37	0.780
	-10-1	100	0.100	0.43	0.720
	-12-1	120	0.100	0.47	0.660
	-15-1	150	0.100	0.64	0.580
	-18-1	180	0.100	0.71	0.510
	-22-1	220	0.100	0.96	0.490
	-27-1	270	0.100	1.1	0.420
	-33-1	330	0.100	1.3	0.400
	-39-1	390	0.100	1.8	0.360
	-47-1	470	0.100	2.0	0.340
	-56-1	560	0.100	2.0	0.330
	-68-1	680	0.100	2.2	0.320
	-82-1	820	0.100	2.9	0.250
	-10-2	1000	0.100	3.9	0.200
555-8068	-10-0	10.0	2.52	0.060	2.60
	-12-0	12.0	2.52	0.070	2.45
	-15-0	15.0	2.52	0.080	2.27
	-18-0	18.0	2.52	0.090	2.15
	-22-0	22.0	2.52	0.10	1.95
	-27-0	27.0	2.52	0.11	1.76
	-33-0	33.0	2.52	0.12	1.50
	-39-0	39.0	2.52	0.14	1.37
	-47-0	47.0	2.52	0.17	1.28
	-56-0	56.0	2.52	0.19	1.17
	-68-0	68.0	2.52	0.22	1.11
	-82-0	82.0	2.52	0.25	1.00
	-10-1	100	0.100	0.35	0.970
	-12-1	120	0.100	0.40	0.890
	-15-1	150	0.100	0.47	0.780
	-18-1	180	0.100	0.63	0.720
	-22-1	220	0.100	0.73	0.660
	-27-1	270	0.100	0.97	0.570
	-33-1	330	0.100	1.2	0.520
	-39-1	390	0.100	1.3	0.480
	-47-1	470	0.100	1.5	0.420
	-56-1	560	0.100	1.9	0.330
	-68-1	680	0.100	2.3	0.280
	-82-1	820	0.100	2.6	0.240
	-10-2	1000	0.100	3.0	0.200

Series	A	B	Ø C	D	E	F	G
555-8060	.157 (4.00)	.126 (3.20)	.177 (4.50)	.059 (1.50)	.177 (4.50)	.083 (2.10)	.031 (0.80)
555-8062	.205 (5.20)	.177 (4.50)	.228 (5.80)	.079 (2.00)	.217 (5.50)	.089 (2.25)	.059 (1.50)
555-8064	.276 (7.00)	.138 (3.50)	.307 (7.80)	.098 (2.50)	.295 (7.50)	.120 (3.05)	.075 (01.90)
555-8066	.264 (7.00)	.197 (5.00)	.307 (7.80)	.098 (2.50)	.295 (7.500)	.120 (3.05)	.075 (1.90)
555-8068	.354 (9.00)	.213 (5.40)	.394 (10.00)	.114 (2.90)	.295 (9.50)	.144 (3.65)	.098 (2.50)

CLASS-D POWER INDUCTOR

Dimensions in inches (mm)



How to order code

555 - 88XX - XX - 00 - 00

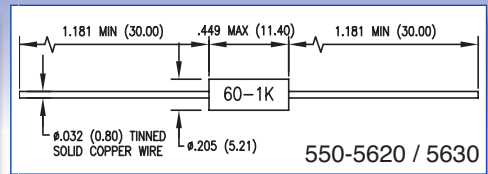
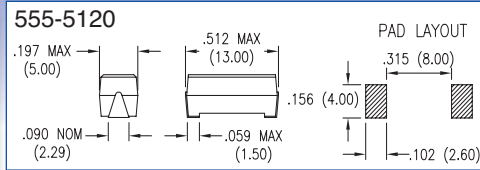
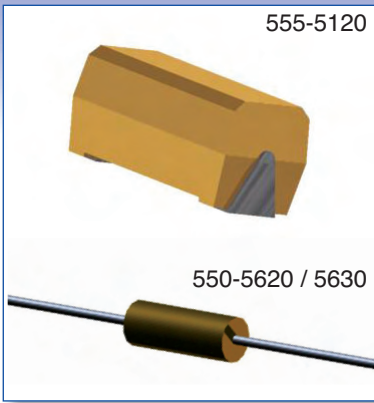
Basic Part No. Inductance Code

Fig.	Basic Part No.	Inductance Typical	I rated (A)	Test Frequency (KHz)	Saturation Current I _{sat} (A)			DCR Max. (mΩ)
					at -40°C	at +25°C	at +125°C	
1	-10	10.0μH	3.5	100	8.00	6.00	5.00	70.0
	555-8810 -20	20.0μH	3	100	7.50	6.50	4.50	100
	-30	30.0μH	1	100	5.00	4.00	3.25	130
2	-10	10.0μH	8	100	9.50	8.50	7.50	10.0
	555-8820 -20	20.0μH	7	100	8.00	7.50	6.50	15.0
	-30	30.0μH	5	100	6.00	5.25	4.50	25.0
3	-10	10.0μH	9.5	100	37.5	37.0	32.0	35.0
	555-8830 -20	20.0μH	9	100	37.0	36.0	30.0	45.0
	-30	30.0μH	7	100	27.0	25.0	23.0	55.0

Devices are RoHS compliant
 Inductance at I_{rated} is a typical inductance value measured when the inductor is subjected to the rated current
 Designed to match Zetex ZXCD series Class-D audio solutions

RFID TRANSPONDER COIL

Dimensions in inches (mm)



Packaging		
-00	Loose	
-36	Tape (1,000 per reel)	
Inductance Tolerance Coded Dash Numbers		
G	±2%	To Order
J	±5%	Standard
K	±10%	To Order

How to order code

55X - XXXX - XX - XX - XX

Basic Part No. | Packaging | Inductance Tolerance | Inductance Code

Basic Part No.	Inductance	"Q" min.	Test Frequency (KHz)	SRF min. (KHz)	DCR Max. (Ω)
555-5120 -29-1 *	0.29mH	20	125	1000	8.50
555-5120 -34-1	0.34mH	20	125	1000	9.30
555-5120 -41-1 *	0.41mH	20	125	1000	10.3
555-5120 -49-1	0.49mH	20	125	1000	11.4
555-5120 -60-1 *	0.60mH	20	125	1000	13.0
555-5120 -73-1	0.73mH	20	125	1000	15.0
555-5120 -90-1	0.90mH	20	125	1000	17.0
555-5120 -11-2 *	1.08mH	20	125	1000	21.0
555-5120 -14-2	1.38mH	20	125	1000	22.0
555-5120 -16-2 *	1.62mH	20	125	600	25.7
555-5120 -19-2	1.97mH	20	125	400	29.2
555-5120 -24-2	2.38mH	22	125	400	41.0
550-5620 -29-2	2.89mH	25	125	400	44.6
550-5630 -34-2 *	3.44mH	25	125	400	69.8
550-5630 -42-2 *	4.15mH	25	125	350	76.2
550-5630 -49-2	4.91mH	25	125	350	87.2
550-5630 -60-2 *	6.00mH	25	125	350	99.0
550-5630 -72-2 *	7.20mH	25	125	330	130
550-5630 -74-2	7.36mH	25	125	300	141
550-5630 -90-2 *	9.00mH	22	125	300	310
550-5630 -11-3	10.8mH	20	125	300	340
550-5630 -14-3 *	13.5mH	20	125	300	360
550-5630 -16-3	16.2mH	20	125	300	364
550-5630 -20-3 *	19.8mH	20	125	300	462
550-5630 -24-3	23.8mH	20	125	300	510

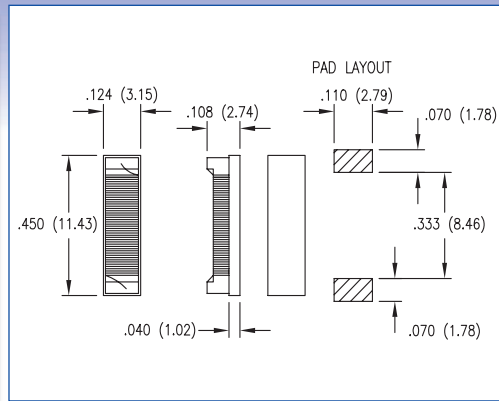
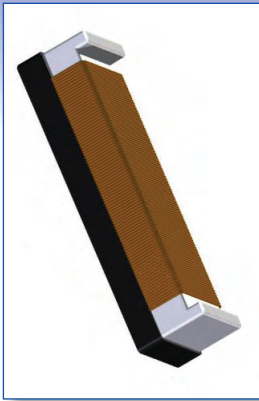
Temperature Range: -55°C to +100°C

Devices are RoHS compliant
 555-5120 and 550-5620 series are an over moulded construction
 550-5630 are covered with shrink sleeve

* All asterisked lines feature in the Engineers designer kit (10 off each part),
 part number 555-5120-00-00-00 moulded surface mount
 part number 550-5620-00-00-00 moulded through hole, axial
 part number 550-5630-00-00-00 sleeved through hole, axial

RFID TRANSPONDER COIL - CERAMIC

Dimensions in inches (mm)



Inductance Tolerance Coded Dash Numbers

J	±5%	Standard
K	±10%	To Order
M	±20%	To Order

How to order code

555 - 5130 - XX - XX - 36

Basic Part No. | Inductance Tolerance | Inductance Code

Basic Part No.	Inductance	"Q" min.	Test Frequency (KHz)	SRF min. (KHz)	DCR Max. (Ω)
555-5130	-40-1	0.40mH	125	4500	7.40
	-90-1	0.90mH	15	4000	22.0
	-11-2	1.08mH	15	4000	25.0
	-20-2	1.97mH	17	2400	34.0
	-24-2	2.38mH	17	2200	39.0
	-33-2	3.30mH	17	1800	51.0
	-41-2	4.15mH	17	1700	74.0
	-49-2	4.90mH	17	1300	96.0
	-68-2	6.80mH	17	1000	112
	-71-2	7.10mH	17	1000	115
	-81-2	8.10mH	17	960	123

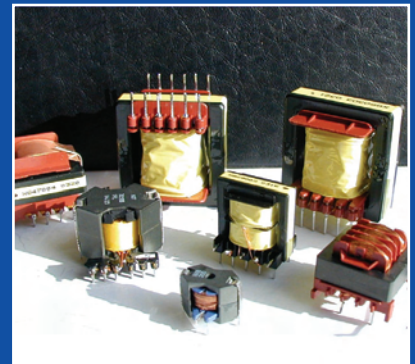
Temperature Range: -40°C to +85°C

Devices are RoHS compliant
Supplied on reels of 3,000 pcs on a 330mm reel

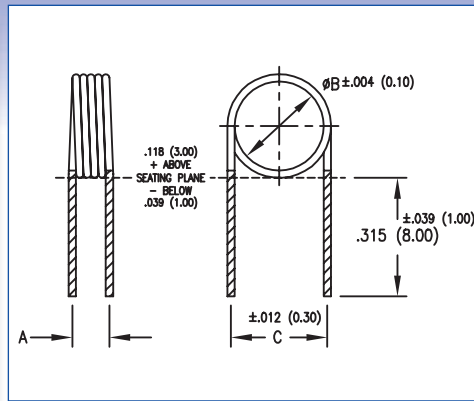
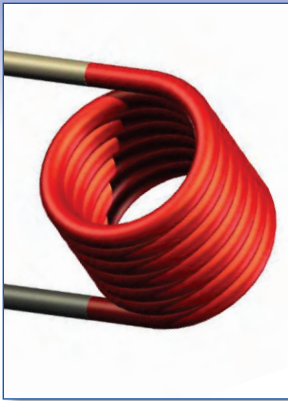
Transformers and custom products

In addition to its standard range of inductive products, Cambion can offer a wide range of transformer types which would be engineered application specific, accommodating power rating from 0.2VA to over 500VA, in through hole, surface mount, open frame and potted styles. Typical application include, DC-DC Converters, AC-DC or DC-AC power supplies.

Additionally Cambion are able to assist with inductive component development, either via a hybrid version of a standard product or to an application specific device requirement. Cambion offers fast turnaround of prototypes to low cost, high volumes via its UK manufacturing activity and Far Eastern associate group facilities.



Dimensions in inches (mm)



How to order code

555 - 20XX - XX - 00 - 00

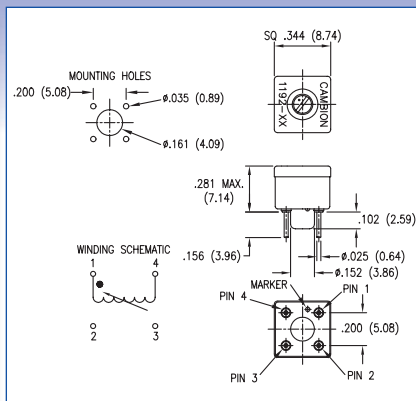
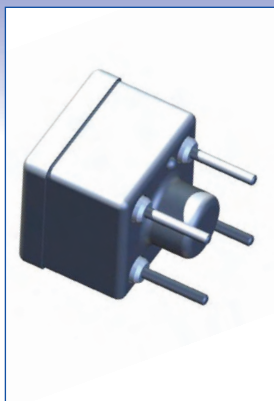
Basic Part No. _____ Inductance Code _____

Basic Part No.	Turns	Inductance	Q Min.	Test Frequency (MHz)	DCR (typical)	SRF Min.	Dimension A	Dimension B	Dimension C	
555-2030	-03	3½	40.0 nH ±7%	150	100	4.6 mΩ	2.1 GHz	.087 (2.20)	.118 (3.00)	.146 (3.70)
	-04	4½	55.0 nH ±7%	150	100	5.7 mΩ	2.0 GHz	.110 (2.80)	.118 (3.00)	.146 (3.70)
	-05	5½	70.0 nH ±7%	140	100	6.9 mΩ	1.9 GHz	.130 (3.30)	.118 (3.00)	.146 (3.70)
	-06	6½	90.0 nH ±7%	140	100	7.7 mΩ	1.8 GHz	.154 (3.90)	.118 (3.00)	.146 (3.70)
	-07	7½	105 nH ±5%	130	100	9.0 mΩ	1.7 GHz	.174 (4.40)	.118 (3.00)	.146 (3.70)
	-08	8½	120 nH ±5%	130	100	10.1 mΩ	1.6 GHz	.197 (5.00)	.118 (3.00)	.146 (3.70)
	-09	9½	140 nH ±5%	130	100	11.0 mΩ	1.5 GHz	.217 (5.50)	.118 (3.00)	.146 (3.70)
	-10	10½	160 nH ±5%	130	100	11.9 mΩ	1.5 GHz	.240 (6.10)	.118 (3.00)	.146 (3.70)
	-11	11½	175 nH ±5%	120	100	13.0 mΩ	1.4 GHz	.260 (6.60)	.118 (3.00)	.146 (3.70)
	-12	12½	195 nH ±5%	120	100	14.0 mΩ	1.4 GHz	.283 (7.20)	.118 (3.00)	.146 (3.70)
	-13	13½	210 nH ±5%	120	100	15.2 mΩ	1.3 GHz	.303 (7.70)	.118 (3.00)	.146 (3.70)
	-14	14½	230 nH ±5%	120	100	16.3 mΩ	1.3 GHz	.327 (8.30)	.118 (3.00)	.146 (3.70)
	-15	15½	250 nH ±5%	110	100	17.4 mΩ	1.2 GHz	.346 (8.80)	.118 (3.00)	.146 (3.70)
	-16	16½	265 nH ±5%	110	100	18.5 mΩ	1.2 GHz	.370 (9.40)	.118 (3.00)	.146 (3.70)
	-17	17½	290 nH ±5%	110	100	19.5 mΩ	1.1 GHz	.390 (9.90)	.118 (3.00)	.146 (3.70)
	-18	18½	305 nH ±3%	100	100	20.4 mΩ	1.1 GHz	.413 (10.5)	.118 (3.00)	.146 (3.70)
	-19	19½	325 nH ±3%	100	100	21.5 mΩ	1.0 GHz	.433 (11.0)	.118 (3.00)	.146 (3.70)
-20	20½	345 nH ±3%	90	100	22.6 mΩ	1.0 GHz	.457 (11.6)	.118 (3.00)	.146 (3.70)	
555-2060	-03	3½	100 nH ±5%	140	50.0	8.0 mΩ	800 MHz	.087 (2.20)	.236 (6.00)	.267 (6.70)
	-04	4½	145 nH ±5%	140	50.0	10.3 mΩ	675 MHz	.110 (2.80)	.236 (6.00)	.267 (6.70)
	-05	5½	195 nH ±5%	140	50.0	11.8 mΩ	575 MHz	.130 (3.30)	.236 (6.00)	.267 (6.70)
	-06	6½	250 nH ±5%	130	50.0	13.6 mΩ	525 MHz	.154 (3.90)	.236 (6.00)	.267 (6.70)
	-07	7½	305 nH ±5%	130	50.0	15.6 mΩ	478 MHz	.174 (4.40)	.236 (6.00)	.267 (6.70)
	-08	8½	360 nH ±5%	130	50.0	17.0 mΩ	425 MHz	.197 (5.00)	.236 (6.00)	.267 (6.70)
	-09	9½	425 nH ±5%	120	50.0	18.9 mΩ	400 MHz	.217 (5.50)	.236 (6.00)	.267 (6.70)
	-10	10½	485 nH ±5%	120	50.0	20.3 mΩ	375 MHz	.240 (6.10)	.236 (6.00)	.267 (6.70)
	-11	11½	550 nH ±5%	120	50.0	22.2 mΩ	350 MHz	.260 (6.60)	.236 (6.00)	.267 (6.70)
	-12	12½	610 nH ±5%	110	50.0	24.1 mΩ	350 MHz	.283 (7.20)	.236 (6.00)	.267 (6.70)
	-13	13½	675 nH ±5%	110	50.0	25.8 mΩ	325 MHz	.303 (7.70)	.236 (6.00)	.267 (6.70)
	-14	14½	740 nH ±5%	110	50.0	28.0 mΩ	325 MHz	.327 (8.30)	.236 (6.00)	.267 (6.70)
	-15	15½	810 nH ±5%	100	50.0	29.7 mΩ	300 MHz	.346 (8.80)	.236 (6.00)	.267 (6.70)
	-16	16½	870 nH ±5%	100	50.0	31.8 mΩ	300 MHz	.370 (9.40)	.236 (6.00)	.267 (6.70)
	-17	17½	940 nH ±5%	100	50.0	33.3 mΩ	300 MHz	.390 (9.90)	.236 (6.00)	.267 (6.70)
	-18	18½	1000 nH ±5%	90	50.0	35.2 mΩ	275 MHz	.413 (10.5)	.236 (6.00)	.267 (6.70)
	-19	19½	1065 nH ±5%	90	50.0	37.0 mΩ	275 MHz	.433 (11.0)	.236 (6.00)	.267 (6.70)
-20	20½	1130 nH ±5%	80	50.0	38.7 mΩ	250 MHz	.457 (11.6)	.236 (6.00)	.267 (6.70)	

Devices are RoHS compliant
 Typical I_{DC} 555-2030 series 4Amps.
 555-2060 series 2.5Amps
 Wire 0.5mm ∅ class 200
 Leads tinned 96/3.5/0.5 tin/silver/copper

VARIABLE COILS

Dimensions in inches (mm)



Core Material

- 01 to -07 Carbonyl SF (Blue)
- 08 to -19 Carbonyl E (Red)
- 20 to -25 Carbonyl C (Yellow)

How to order code

558 - 1192 - XX - 00 - 00

Basic Part No.

Inductance Code

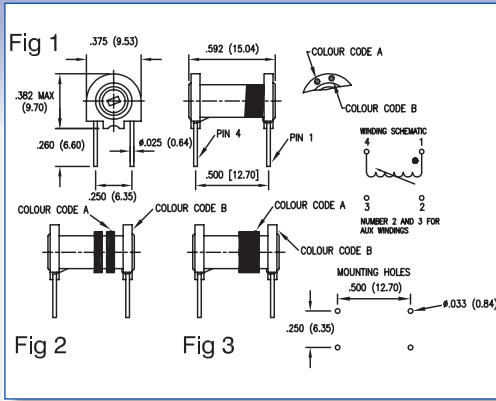
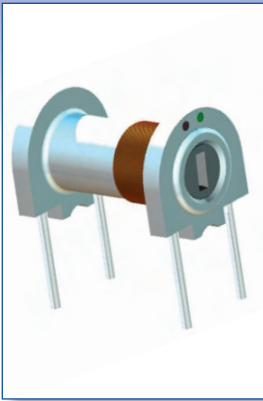
Basic Part No.	Inductance (μH)		"Q" at L Min.	"Q" at L Max.	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)	
	Min..	Max..							
558-1192	-01	0.080	0.120	50	65	25.0	0.050	1300	250
	-02	0.120	0.180	55	70	25.0	0.060	1200	250
	-03	0.180	0.270	55	70	25.0	0.100	1100	250
	-04	0.270	0.390	60	70	25.0	0.120	950	240
	-05	0.390	0.560	60	70	25.0	0.200	700	215
	-06	0.560	0.820	55	60	25.0	0.450	540	180
	-07	0.820	1.20	50	45	25.0	0.500	450	146
	-08	1.20	1.80	35	40	7.9	0.700	375	120
	-09	1.80	2.70	40	45	7.9	1.00	300	100
	-10	2.70	3.90	40	45	7.9	1.50	230	81.0
	-11	3.90	5.60	30	40	7.9	1.70	230	43.0
	-12	5.60	8.20	25	40	7.9	1.90	210	32.0
	-13	8.20	12.0	25	40	7.9	2.00	200	17.5
	-14	12.0	18.0	35	50	2.5	2.70	180	17.0
	-15	18.0	27.0	40	50	2.5	3.50	160	13.0
	-16	27.0	39.0	40	50	2.5	4.50	150	11.0
	-17	39.0	56.0	40	50	2.5	5.50	140	9.0
	-18	56.0	82.0	40	50	2.5	6.50	130	8.00
	-19	82.0	120	40	40	2.5	10.0	120	6.50
	-20	120	180	25	30	0.79	14.0	80.0	5.50
	-21	180	270	25	30	0.79	20.0	75.0	4.00
	-22	270	390	25	30	0.79	28.0	70.0	3.20
	-23	390	560	25	30	0.79	38.0	60.0	2.80
	-24	560	820	25	30	0.79	48.0	50.0	2.40
	-25	820	1200	25	30	0.79	65.0	40.0	1.90

Temperature Range: **-55°C to +125°C**

For RoHS Compliant add suffix **-LF** to the part number
 Windings are varnish impregnated and powdered iron cores are moisture proofed
 Recommended tuning tool **435-1880-01-00-00**

VARIABLE COILS

Dimensions in inches (mm)



Core Material

- 01 to -18 Carbonyl SF (Blue)
- 19 to -37 Carbonyl E (Red)
- 38 to -61 Carbonyl C (Yellow)

How to order code

556 - 7120 - XX - 00 - 00

Basic Part No.

Inductance Code

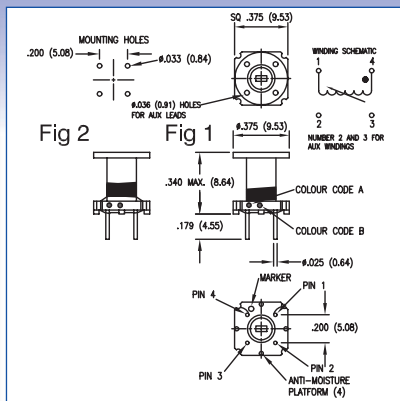
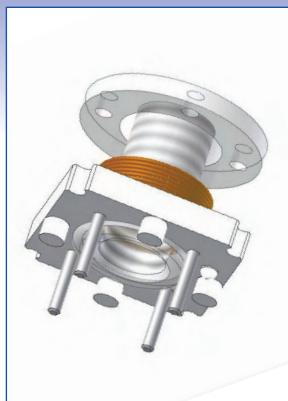
Fig.	Basic Part No.	Inductance (μH)		Colour Code		"Q" at L Min.	"Q" at L Max.	Test Frequency (MHz)	DCR Max.. (Ω)	SRF Min.. (MHz)	
		Min.	Max.	A	B						
1	556-7120	-01	0.095	0.105	Brown	-	55	65	25.0	0.015	400
		-02	0.114	0.126	Red	-	55	65	25.0	0.023	370
		-03	0.142	0.158	Orange	-	70	70	25.0	0.025	330
		-04	0.171	0.189	Yellow	-	65	70	25.0	0.050	300
		-05	0.209	0.231	Green	-	75	80	25.0	0.024	280
		-06	0.256	0.284	Blue	-	80	80	25.0	0.025	250
		-07	0.314	0.347	Violet	-	80	85	25.0	0.027	235
		-08	0.370	0.420	Grey	-	85	85	25.0	0.030	220
		-09	0.420	0.520	White	-	85	85	25.0	0.035	200
		-10	0.520	0.610	Brown	Black	85	85	25.0	0.040	180
		-11	0.600	0.740	Brown	Brown	75	70	25.0	0.070	170
		-12	0.710	0.900	Brown	Red	80	85	25.0	0.080	150
		-13	0.890	1.12	Brown	Orange	80	80	25.0	0.100	140
		-14	1.08	1.32	Brown	Yellow	65	60	7.9	0.120	130
		-15	1.32	1.62	Brown	Green	70	70	7.9	0.200	120
		-16	1.62	1.97	Brown	Blue	65	70	7.9	0.350	108
		-17	1.97	2.43	Brown	Violet	60	65	7.9	0.500	95.0
		-18	2.42	2.96	Brown	Grey	60	65	7.9	0.600	88.0
		-19	2.96	3.64	Brown	White	65	65	7.9	0.900	80.0
		-20	3.50	4.27	Red	Black	70	65	7.9	1.00	75.0
		-21	4.24	5.20	Red	Brown	65	65	7.9	1.20	68.0
		-22	5.00	6.30	Red	Red	70	70	7.9	1.40	62.0
		-23	6.10	7.50	Red	Orange	70	70	7.9	1.60	57.0
		-24	7.30	8.90	Red	Yellow	70	70	7.9	2.00	52.0
		-25	8.50	11.5	Red	Green	70	70	7.9	2.20	48.0
		-26	10.8	13.2	Red	Blue	50	55	2.5	2.70	44.0
		-27	13.2	16.5	Red	Violet	40	50	2.5	4.20	40.0
2	556-7120	-28	16.2	19.5	Red	Grey	60	70	2.5	2.20	15.0
		-29	19.5	24.3	Red	White	65	75	2.5	2.40	13.5
		-30	24.2	29.5	Orange	Black	75	80	2.5	2.60	12.0
		-31	29.5	36.5	Orange	Brown	65	75	2.5	2.80	11.5
		-32	35.0	43.0	Orange	Red	65	75	2.5	3.00	10.5
		-33	42.0	51.5	Orange	Orange	65	75	2.5	3.20	9.50
		-34	50.0	62.0	Orange	Yellow	65	75	2.5	3.50	9.00
		-35	61.0	75.0	Orange	Green	60	65	2.5	4.00	8.20
		-36	74.0	90.0	Orange	Blue	65	70	2.5	4.50	7.70
		-37	90.0	110	Orange	Violet	60	65	2.5	5.00	7.00
		-38	108	132	Orange	Grey	65	80	0.79	5.50	6.50
		-39	130	165	Orange	White	70	80	0.79	6.00	6.00
		-40	160	200	Yellow	Black	70	85	0.79	7.00	5.50
		-41	195	245	Yellow	Brown	70	85	0.79	8.00	5.00
		-42	240	300	Yellow	Red	75	85	0.79	10.0	4.60
		-43	295	365	Yellow	Orange	70	85	0.79	15.0	4.20
		-44	350	430	Yellow	Yellow	75	85	0.79	15.0	4.00
		-45	420	520	Yellow	Green	65	70	0.79	22.0	3.70
		-46	500	620	Yellow	Blue	65	70	0.79	24.0	3.50
		-47	600	750	Yellow	Violet	65	70	0.79	26.0	3.20
3	556-7120	-48	740	900	Yellow	Grey	60	65	0.79	30.0	1.60
		-49	900	1100	Yellow	White	65	70	0.79	35.0	1.50
		-50	1050	1350	Green	Black	32	42	0.25	42.0	1.30
		-51	1300	1650	Green	Brown	32	42	0.25	50.0	1.20
		-52	1600	2000	Green	Red	32	42	0.25	67.0	1.10
		-53	1950	2450	Green	Orange	32	42	0.25	78.0	1.00
		-54	2400	3000	Green	Yellow	32	42	0.25	90.0	0.950
		-55	2950	3650	Green	Green	32	42	0.25	105	0.900
		-56	3500	4300	Green	Blue	32	42	0.25	125	0.800
		-57	4200	5150	Green	Violet	34	36	0.25	140	0.750
		-58	5000	6200	Green	Grey	35	40	0.25	170	0.700
		-59	6100	7500	Green	White	35	36	0.25	190	0.650
		-60	7400	9000	Blue	Black	32	32	0.25	220	0.580
		-61	9000	11000	Blue	Brown	32	36	0.25	250	0.500

Temperature Range: -55°C to +105°C

For RoHS Compliant add suffix -LF to the part number
 Windings are varnish impregnated and powdered iron
 cores are moisture proofed
 Recommended tuning tool 435-1522-01-00-00

VARIABLE COILS

Dimensions in inches (mm)



Core Material

- 01 to -13 Carbonyl J (Green)
- 14 to -49 Carbonyl E (Red)
- 50 to -73 Carbonyl C (Yellow)

How to order code

556 - 7105 - XX - 00 - 00

Basic Part No.

Inductance Code

Fig.	Basic Part No.	Inductance (μH)		Colour Code		"Q" at L Min.	"Q" at L Max	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)	
		Min.	Max.	A	B							
1	556-7105	-01	0.090	0.110	Brown	-	60	70	25.0	0.030	487	550
		-02	0.108	0.132	Red	-	60	70	25.0	0.047	300	475
		-03	0.132	0.165	Orange	-	60	70	25.0	0.040	400	430
		-04	0.162	0.198	Yellow	-	65	75	25.0	0.044	400	350
		-05	0.198	0.242	Green	-	65	75	25.0	0.055	400	330
		-06	0.242	0.297	Blue	-	65	75	25.0	0.057	400	330
		-07	0.297	0.363	Violet	-	60	70	25.0	0.143	200	310
		-08	0.352	0.431	Grey	-	60	70	25.0	0.132	200	250
		-09	0.422	0.516	White	-	60	70	25.0	0.198	200	230
		-10	0.502	0.620	Brown	Black	65	70	25.0	0.176	126	220
		-11	0.612	0.748	Brown	Brown	65	65	25.0	0.198	126	200
		-12	0.738	0.904	Brown	Red	65	70	25.0	0.220	126	180
		-13	0.900	1.10	Brown	Orange	65	70	25.0	0.242	126	170
		-14	1.08	1.32	Brown	Yellow	50	50	7.9	0.270	126	150
		-15	1.32	1.65	Brown	Green	50	50	7.9	0.400	100	140
		-16	1.62	1.98	Brown	Blue	50	50	7.9	0.520	81	130
		-17	1.98	2.42	Brown	Violet	50	50	7.9	0.560	81	110
		-18	2.43	2.97	Brown	Grey	50	50	7.9	0.650	81	100
		-19	2.97	3.63	Brown	White	50	55	7.9	0.800	64	90.0
		-20	3.52	4.31	Red	Black	55	55	7.9	1.00	64	80.0
		-21	4.22	5.16	Red	Brown	55	55	7.9	1.36	49	85.0
		-22	5.02	6.20	Red	Red	55	55	7.9	1.70	49	70.0
		-23	6.12	7.48	Red	Orange	55	55	7.9	2.00	38	65.0
		-24	7.38	9.04	Red	Yellow	55	55	7.9	2.40	38	55.0
		-25	9.00	11.0	Red	Green	55	55	7.9	3.00	31	50.0
2	556-7105	-26	10.5	11.5	Red	Blue	55	55	2.5	1.75	48	16.0
		-27	11.4	12.6	Red	Violet	55	60	2.5	1.77	48	15.0
		-28	12.3	13.9	Red	Grey	55	60	2.5	1.79	48	15.0
		-29	13.9	15.8	Red	White	55	60	2.5	1.82	48	14.0
		-30	15.2	17.1	Orange	Black	55	60	2.5	1.92	48	13.0
		-31	17.1	18.9	Orange	Brown	55	60	2.5	2.02	48	12.0
		-32	18.9	21.0	Orange	Red	55	60	2.5	2.10	48	12.0
		-33	20.9	23.1	Orange	Orange	55	60	2.5	2.20	48	11.0
		-34	22.8	25.7	Orange	Yellow	55	60	2.5	2.40	48	11.0
		-35	25.7	28.3	Orange	Green	55	60	2.5	2.60	48	11.0
		-36	28.3	31.5	Orange	Blue	55	60	2.5	2.70	48	11.0
		-37	31.4	34.5	Orange	Violet	55	60	2.5	2.80	48	11.0

Temperature Range:

-55°C to +105°C

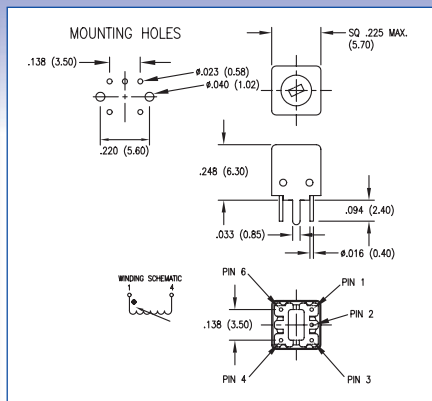
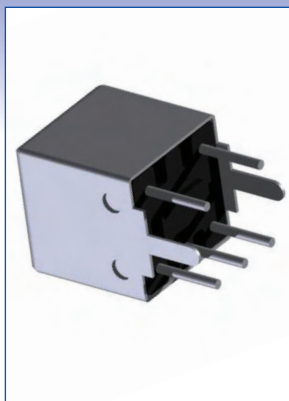
For RoHS Compliant add suffix -LF to the part number
Windings are varnish impregnated and powdered iron
cores are moisture proofed

Recommended tuning tool 435-1522-01-00-00

Fig.	Basic Part No.	Inductance (μH)		Colour Code		"Q" at L Min.	"Q" at L Max.	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)	
		Min.	Max.	A	B							
2	556-7105	-38	34.2	37.8	Orange	Grey	55	60	2.5	3.00	48	10.0
		-39	37.1	40.9	Orange	White	55	60	2.5	3.20	48	10.0
		-40	40.8	45.2	Yellow	Black	55	60	2.5	3.40	48	9.50
		-41	44.6	48.5	Yellow	Brown	55	60	2.5	3.50	48	9.50
		-42	48.5	53.5	Yellow	Red	55	60	2.5	3.65	48	9.00
		-43	53.2	58.8	Yellow	Orange	55	60	2.5	4.00	48	9.00
		-44	58.9	65.1	Yellow	Yellow	55	60	2.5	4.20	48	8.50
		-45	64.6	71.4	Yellow	Green	55	60	2.5	4.30	48	8.50
		-46	70.3	77.7	Yellow	Blue	55	60	2.5	4.50	48	8.00
		-47	77.7	86.5	Yellow	Violet	55	60	2.5	4.80	48	8.00
		-48	86.5	95.5	Yellow	Grey	50	55	2.5	5.00	48	7.50
		-49	95.0	105	Yellow	White	50	55	2.5	5.20	48	7.00
		-50	105	115	Green	Black	50	55	0.79	5.70	48	6.50
		-51	114	126	Green	Brown	50	55	0.79	6.30	48	6.00
		-52	123	140	Green	Red	50	55	0.79	6.60	48	5.50
		-53	140	158	Green	Orange	55	65	0.79	7.10	48	5.50
		-54	152	171	Green	Yellow	55	65	0.79	7.50	48	5.00
		-55	171	189	Green	Green	55	65	0.79	8.00	48	5.00
		-56	189	210	Green	Blue	60	70	0.79	8.40	48	5.00
		-57	209	231	Green	Violet	60	70	0.79	8.70	48	4.50
		-58	228	254	Green	Grey	60	70	0.79	9.10	48	4.50
		-59	254	283	Green	White	40	45	0.79	9.50	64	5.50
		-60	283	315	Blue	Black	40	45	0.79	10.7	64	5.00
		-61	314	345	Blue	Brown	40	45	0.79	11.5	64	4.50
		-62	342	378	Blue	Red	40	45	0.79	13.8	49	4.50
		-63	371	409	Blue	Orange	40	45	0.79	15.0	49	4.00
		-64	408	452	Blue	Yellow	40	45	0.79	16.0	49	4.00
		-65	452	494	Blue	Green	40	45	0.79	16.8	49	3.50
		-66	485	535	Blue	Blue	40	45	0.79	17.5	49	3.50
		-67	532	588	Blue	Violet	40	45	0.79	18.0	49	3.00
		-68	589	651	Blue	Grey	40	45	0.79	23.0	38	3.00
		-69	646	714	Blue	White	40	45	0.79	24.0	38	3.00
		-70	703	777	Violet	Black	40	45	0.79	25.0	38	3.00
-71	777	865	Violet	Brown	45	50	0.79	33.0	31	2.50		
-72	865	955	Violet	Red	45	50	0.79	34.0	31	2.00		
-73	950	1050	Violet	Orange	45	50	0.79	35.0	31	2.00		

VARIABLE COILS

Dimensions in inches (mm)



How to order code

558 - 8192 - XX - 00 - 00

Basic Part No. Inductance Code

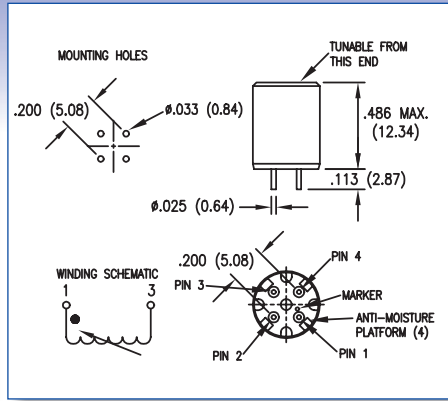
Basic Part No.	Inductance (μH)		"Q" at L Min.	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)	
	Min.	Max.						
558-8192	-01	0.095	0.105	35	50.0	0.060	250	260
	-02	0.114	0.126	35	50.0	0.080	240	240
	-03	0.143	0.158	35	50.0	0.100	230	220
	-04	0.169	0.191	35	50.0	0.120	220	200
	-05	0.207	0.233	35	50.0	0.140	210	180
	-06	0.254	0.286	35	50.0	0.160	200	160
	-07	0.310	0.350	35	50.0	0.180	190	140
	-08	0.367	0.413	35	50.0	0.200	180	120
	-09	0.442	0.498	35	50.0	0.220	170	100
	-10	0.526	0.594	35	50.0	0.240	160	90.0
	-11	0.639	0.721	35	50.0	0.260	150	80.0
	-12	0.771	0.869	35	50.0	0.280	140	70.0
	-13	0.940	1.06	35	25.0	0.310	130	60.0
	-14	1.13	1.27	25	25.0	0.350	120	50.0
	-15	1.41	1.59	25	25.0	0.400	110	45.0
	-16	1.69	1.91	25	25.0	0.500	100	40.0
	-17	2.07	2.33	25	25.0	0.600	90.0	35.0
	-18	2.54	2.86	25	25.0	0.800	80.0	30.0
	-19	3.10	3.50	25	25.0	1.00	70.0	25.0
	-20	3.67	4.13	25	25.0	1.20	60.0	20.0
	-21	4.42	4.98	25	25.0	1.40	50.0	15.0
	-22	5.32	5.88	25	25.0	1.60	45.0	12.0
	-23	6.46	7.14	25	25.0	1.80	40.0	9.00
	-24	7.79	8.61	25	25.0	1.90	35.0	7.00
	-25	9.70	10.3	25	25.0	2.00	30.0	5.00

Temperature Range: **-40°C to +105°C**

Devices are RoHS compliant
Windings are varnish impregnated

VARIABLE COILS

Dimensions in inches (mm)



Core and Cup Core Material
-01 to -37 High Q ferrite

How to order code

558 - 3387 - XX - 00 - 00

Basic Part No.

Inductance Code

Basic Part No.	Inductance (μH)		"Q" at L Min.	"Q" at L Max.	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)
	Min.	Max.						
558-3387 -01	1.35	1.65	80	85	7.9	0.100	157	104
-02	1.65	1.98	80	80	7.9	0.110	157	92.0
-03	1.98	2.42	80	85	7.9	0.120	157	84.0
-04	2.43	2.97	80	85	7.9	0.130	157	81.0
-05	2.97	3.63	80	80	7.9	0.140	157	55.0
-06	3.51	4.29	85	90	7.9	0.160	157	46.0
-07	4.25	5.10	85	80	7.9	0.180	157	36.0
-08	5.10	6.14	85	85	7.9	0.200	157	33.0
-09	6.14	7.48	100	100	7.9	0.400	64	37.0
-10	7.40	9.00	85	85	7.9	0.500	64	28.0
-11	9.00	11.0	80	80	7.9	0.520	64	20.0
-12	11.0	13.0	75	80	2.5	0.550	64	15.0
-13	13.5	16.5	85	85	2.5	0.650	64	12.0
-14	16.5	19.8	65	80	2.5	0.700	64	10.0
-15	19.8	24.0	70	90	2.5	0.750	64	9.6
-16	28.0	38.0	65	80	2.5	1.00	64	8.80
-17	40.0	54.0	65	85	2.5	1.30	64	7.20
-18	58.0	78.0	60	75	2.5	1.40	64	6.40
-19	85.0	115	45	60	2.5	1.90	64	4.80
-20	127	173	55	75	0.79	2.80	64	4.10
-21	176	263	50	70	0.79	3.20	64	3.70
-22	263	395	60	85	0.79	4.00	64	3.00
-23	377	565	45	65	0.79	6.00	48	2.80
-24	542	820	45	65	0.79	7.50	48	2.30
-25	800	1200	45	65	0.79	13.0	32	1.90
-26	1200	1800	35	65	0.25	15.0	25	0.84
-27	1760	2630	40	65	0.25	20.0	25	0.83
-28	2630	3950	35	65	0.25	25.0	25	0.810
-29	3760	5650	35	60	0.25	44.0	16	0.730
-30	5450	8200	35	55	0.25	55.0	16	0.630
-31	8000	12000	35	50	0.25	90.0	10.2	0.490
-32	12000	18000	18	30	0.079	130	10.2	0.360
-33	17600	26300	15	30	0.079	160	10.2	0.340
-34	26300	39500	15	25	0.079	240	7.8	0.320
-35	37600	56500	15	25	0.079	420	5.8	0.230
-36	54500	82000	15	25	0.079	500	4.8	0.170
-37	80000	120000	15	25	0.079	940	4	0.180

Temperature Range:

-55°C to +105°C

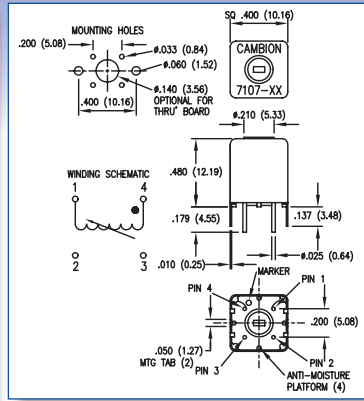
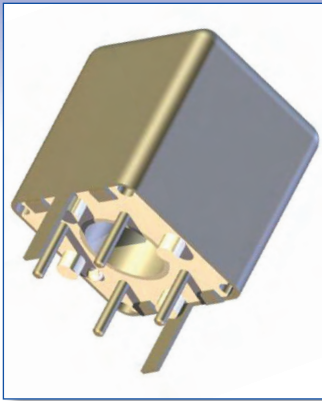
For RoHS Compliant add suffix -LF to the part number

Windings are varnish impregnated and ferrite components are moisture proofed

Recommended tuning tool 435-2033-01-00-00

VARIABLE COILS

Dimensions in inches (mm)



Core Material

- 01 to -13 Carbonyl SF (Blue)
- 14 to -25 Carbonyl TH (Purple)
- 26 to -37 Carbonyl E (Red)
- 38 to -49 Carbonyl C (Yellow)

How to order code

558 - 7107 - XX - 00 - 00

Basic Part No.

Inductance Code

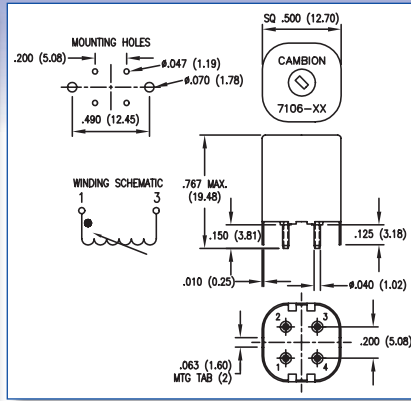
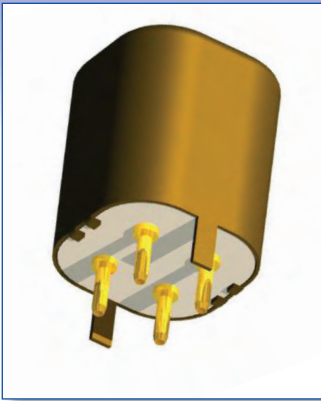
Basic Part No.	Inductance (μ H)		"Q" at L Min.	"Q" at L Max.	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)	
	Min.	Max.							
558-7107	-01	0.090	0.110	65	65	25.0	0.031	2200	250
	-02	0.108	0.136	65	65	25.0	0.034	2100	250
	-03	0.135	0.165	70	70	25.0	0.037	2000	250
	-04	0.162	0.198	70	70	25.0	0.049	1750	250
	-05	0.198	0.245	70	70	25.0	0.055	1600	250
	-06	0.245	0.297	70	70	25.0	0.061	1500	250
	-07	0.297	0.363	70	70	25.0	0.067	1450	230
	-08	0.351	0.429	70	70	25.0	0.073	1400	220
	-09	0.423	0.517	70	70	25.0	0.080	1350	210
	-10	0.504	0.616	70	70	25.0	0.093	1300	200
	-11	0.612	0.748	70	70	25.0	0.093	1250	173
	-12	0.738	0.902	70	65	25.0	0.100	1200	150
	-13	0.900	1.10	70	65	25.0	0.110	1100	130
	-14	1.08	1.36	55	50	7.9	0.130	1000	120
	-15	1.35	1.65	50	45	7.9	0.140	1000	110
	-16	1.62	1.98	50	40	7.9	0.200	900	100
	-17	1.98	2.45	50	40	7.9	0.260	800	88
	-18	2.43	2.97	50	40	7.9	0.380	700	83
	-19	2.97	3.63	50	45	7.9	0.510	600	78
	-20	3.51	4.29	50	45	7.9	0.700	500	71
	-21	4.23	5.17	50	50	7.9	0.880	400	64
	-22	5.04	6.16	50	50	7.9	1.30	360	58
	-23	6.12	7.48	55	55	7.9	1.70	280	52
	-24	7.38	9.02	55	55	7.9	1.90	270	46
	-25	9.00	11.0	55	55	7.9	2.00	260	40
	-26	10.8	13.6	55	60	2.5	2.10	255	11
	-27	13.5	16.5	60	70	2.5	2.20	250	10
	-28	16.2	19.8	60	70	2.5	2.30	240	9.5
	-29	19.8	24.5	65	70	2.5	2.50	230	9.0
	-30	24.3	29.7	65	70	2.5	2.70	220	8.5
	-31	29.7	36.3	65	70	2.5	3.00	210	8.0
	-32	35.1	42.9	60	65	2.5	3.50	200	7.5
	-33	42.3	51.7	55	60	2.5	3.60	190	6.4
	-34	50.4	61.6	50	55	2.5	4.00	180	5.7
	-35	61.2	74.8	50	55	2.5	4.30	170	4.9
	-36	73.8	90.2	45	50	2.5	6.40	160	4.6
	-37	90.0	110	45	45	2.5	8.50	150	4.3
	-38	108	136	45	50	0.79	9.30	145	3.8
	-39	135	165	50	60	0.79	10.0	140	3.5
	-40	162	198	50	60	0.79	11.0	130	3.3
	-41	198	245	50	60	0.79	12.0	120	3.1
	-42	243	297	50	55	0.79	22.0	90	2.9
	-43	297	363	45	50	0.79	23.0	85	2.7
	-44	351	429	45	50	0.79	26.0	80	2.3
	-45	423	517	40	45	0.79	28.0	75	1.9
	-46	504	616	35	45	0.79	33.0	65	1.7
	-47	612	748	35	40	0.79	39.0	60	1.5
	-48	738	902	30	35	0.79	49.0	55	1.3
	-49	900	1100	30	35	0.79	60.0	55	1.2

Temperature Range: -55°C to +105°C

For RoHS Compliant add suffix -LF to the part number
 Windings are varnish impregnated and powdered iron cores are moisture proofed
 Recommended tuning tool 435-1522-01-00-00

VARIABLE COILS

Dimensions in inches (mm)



Core Material

- 01 to -10 Carbonyl SF (Blue)
- 11 to -22 Carbonyl E (Red)
- 23 to -34 Carbonyl C (Yellow)

How to order code

558 - 7106 - XX - 00 - 00

Basic Part No.

Inductance Code

Basic Part No.	Inductance (μH)		"Q" at L Min.	"Q" at L Max.	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)
	Min.	Max.						
558-7106 -01	0.090	0.110	60	70	25.0	0.025	400	>250.
-02	0.108	0.135	60	75	25.0	0.030	400	>250
-03	0.135	0.165	70	80	25.0	0.040	400	>250
-04	0.162	0.198	75	85	25.0	0.042	400	>250
-05	0.198	0.264	75	85	25.0	0.044	400	>250
-06	0.243	0.297	75	85	25.0	0.048	400	>250
-07	0.264	0.396	75	85	25.0	0.055	400	250
-08	0.376	0.564	75	75	25.0	0.070	400	200
-09	0.544	0.816	85	75	25.0	0.095	400	150
-10	0.800	1.00	85	70	25.0	0.100	400	120
-11	1.20	1.80	60	45	7.9	0.145	400	110
-12	1.76	2.64	60	45	7.9	0.260	256	90.0
-13	2.64	3.96	65	45	7.9	0.380	202	70.0
-14	3.76	5.64	65	45	7.9	0.740	126	56.0
-15	5.44	8.16	65	45	7.9	1.05	100	45.0
-16	8.00	12.0	65	45	7.9	1.85	64	36.0
-17	12.0	18.0	65	85	2.5	1.60	100	10.0
-18	17.6	26.4	65	80	2.5	1.90	100	7.50
-19	26.4	39.6	60	70	2.5	2.40	100	6.50
-20	37.6	56.4	55	65	2.5	2.80	100	6.00
-21	54.4	81.6	45	50	2.5	3.30	100	5.30
-22	80.0	120	40	45	2.5	4.00	100	4.60
-23	120	180	70	90	0.79	5.50	100	3.50
-24	176	264	70	90	0.79	6.60	100	3.00
-25	264	396	70	90	0.79	7.50	100	2.70
-26	376	564	70	90	0.79	11.0	100	2.10
-27	544	816	65	75	0.79	13.0	100	1.70
-28	800	1200	65	75	0.79	30.0	50	1.60
-29	1200	1800	40	60	0.25	40.0	50	1.50
-30	1760	2640	40	60	0.25	45.0	50	1.10
-31	2640	3960	40	60	0.25	55.0	50	0.900
-32	3760	5640	40	55	0.25	80.0	38	0.700
-33	5440	8160	40	55	0.25	90.0	38	0.600
-34	8000	12000	40	50	0.25	105	38	0.500

Temperature Range:

-55°C to +105°C

For RoHS Compliant add suffix -LF to the part number
 Windings are varnish impregnated and powdered iron cores are moisture proofed
 Recommended tuning tool 435-2375-01-00-00

MATERIAL SPECIFICATIONS

Material Specifications

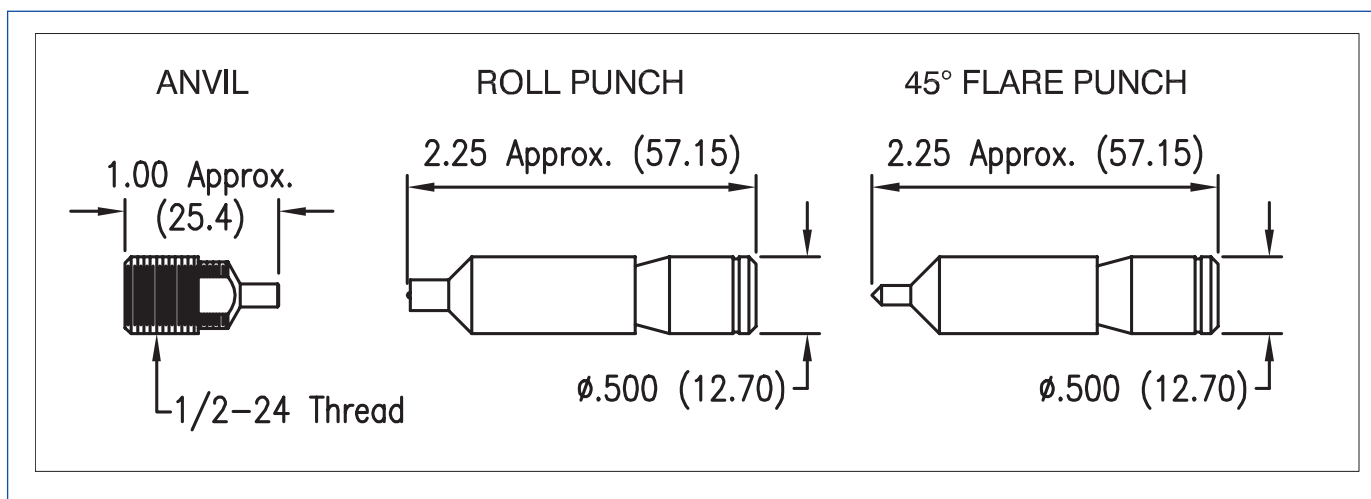
Material	British/European Standard	US Equivalent Standard
Brass	EN 12164 CuZn36Pb3, Half Hard	ASTM-B16 C36000
Brass	EN 12164 CuZn39Pb3, Hard	ASTM-B16 C38500
Brass Tubing	EN 12449 CuZn36Pb2, Half Hard	ASTM-B135 C33200
Red Leaded Brass	n/a	ASTM-B140 C31400
Tellurium Copper	EN 12164 CuTeP	ASTM-B301 C14500
Beryllium Copper	EN 12164 CuBe2	ASTM-B194 C17200
PTFE	EN 13000	ASTM-D1710
Nylon	BS 7029	ASTM-D4066
Polyolefin Tubing	EN 60684	SAE-AMS-DTL-23053
Ceramic	n/a	MIL-I-10 L-523-C
Diallyl Phthalate	n/a	MIL-M-14F Grade SDG-F
Plating		
Silver	BS 2816	QQ-S-365
Electro-Tin	BS 1872	ASTM-B545
Electro-Solder	BS 6137	SAE-AMS-P-81728
Gold	BS 4292	MIL-DTL-45204
Nickel	EN 12540	SAE-AMS-QQ-N-290
Cadmium	EN 12329	SAE-AMS-QQ-P-416

SWAGING TOOL SELECTION

Where appropriate, the part numbers of recommended swaging tools are specified, and in many cases we offer a choice of Roll Punch or Flare Punch. generally we recommend a flared swage where the component will be soldered to an etched pad on the swaged side of the board. Roll swaging is commonly used where the component is to be installed on a plain board.

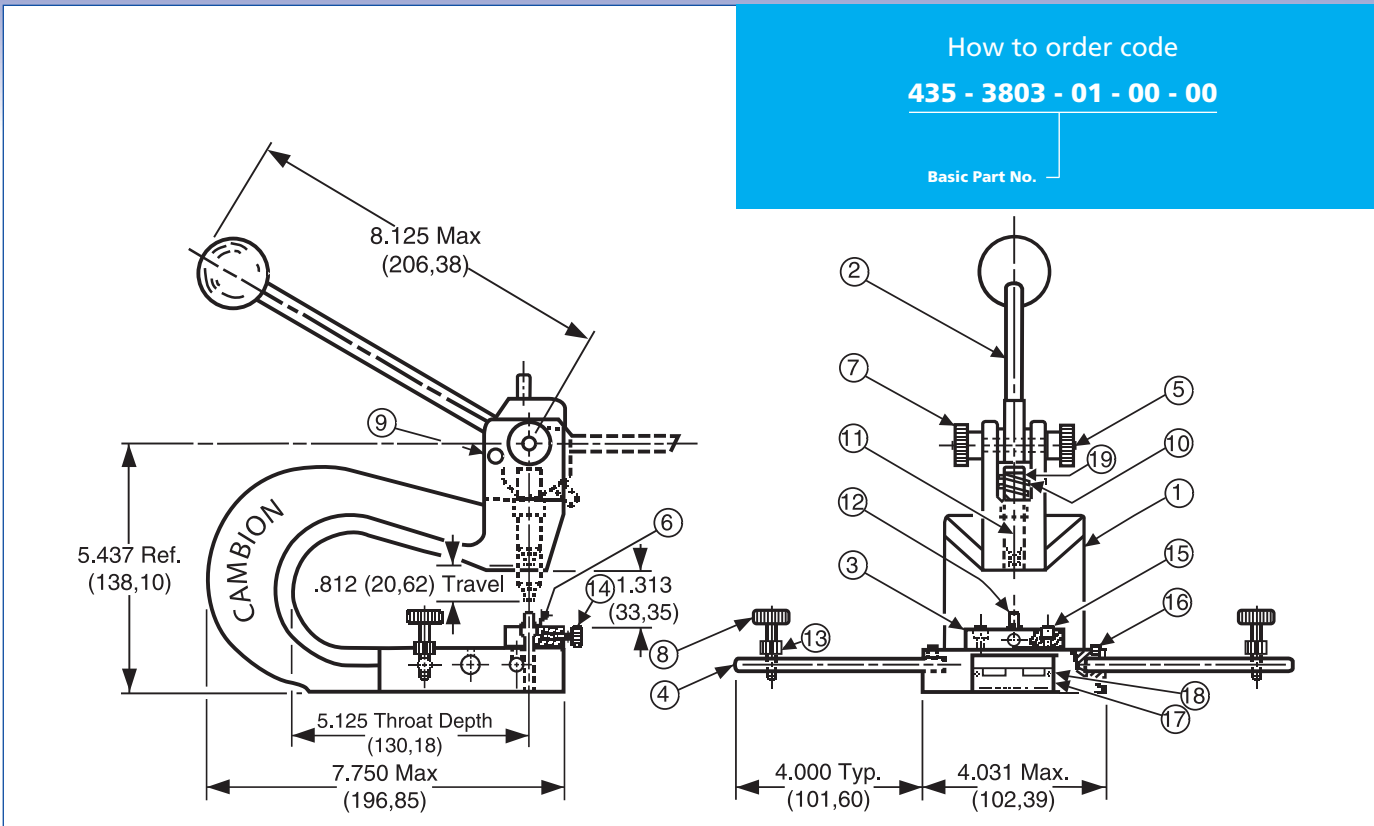
The flared swage is mechanically weak prior to soldering; but after soldering, the solder fillet provides a reliable electrical and mechanical connection. The flare swage is not intended to make the swaged component more than finger tight prior to soldering.

By comparison, the rolled swage is much stronger; however, a void may be formed underneath the swaged collar where flux could be entrapped or air may be present which could cause blowholes if soldered.



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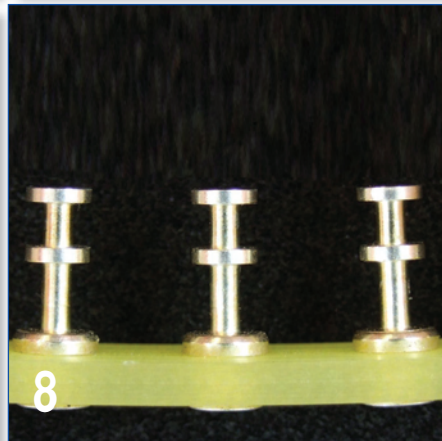
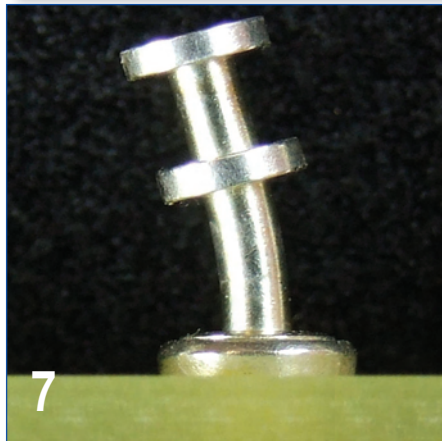
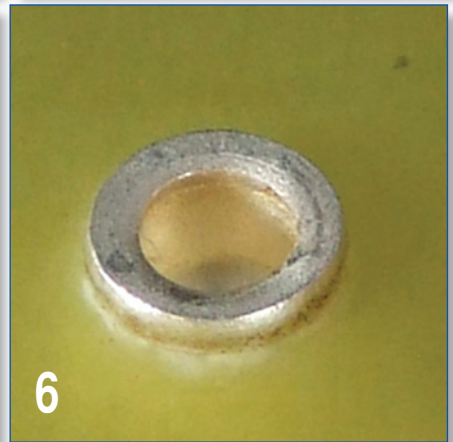
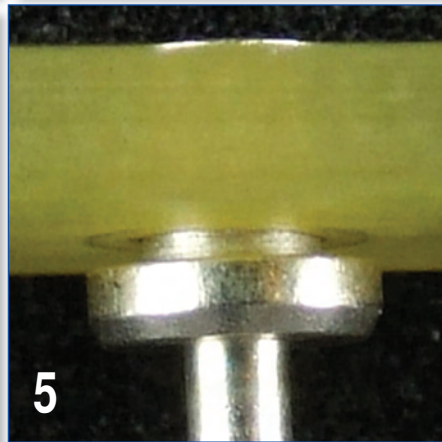
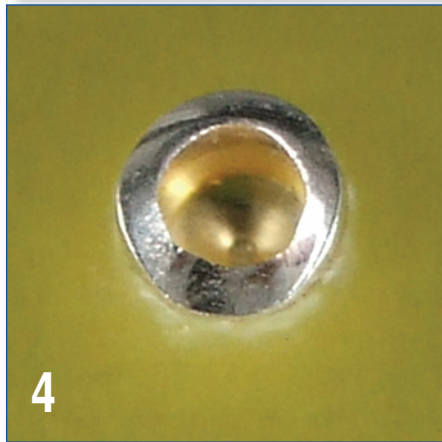
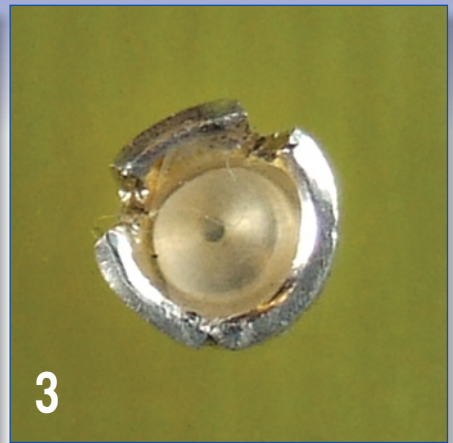
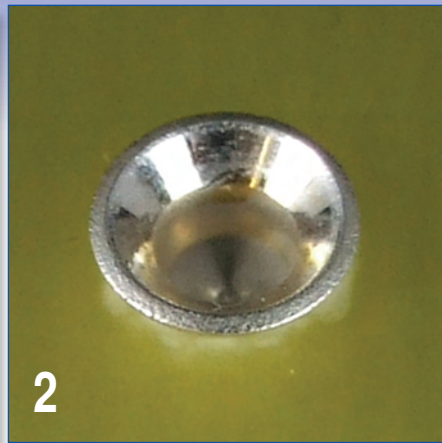
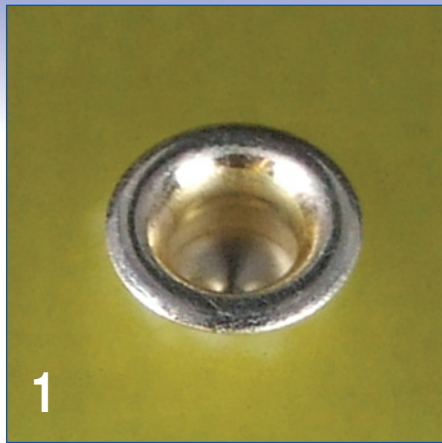
Bench Press Spares

Fig.	Description	Part Number
1	Base, Cast Iron	430-3806-01-00-10
2	Handle Assembly	430-3807-01-00-00
3	Anvil Plate	430-3812-01-07-00
4	Board Support Rod	430-3813-01-07-00
5	Cam Shaft	430-3814-01-00-00
6	Brass Locking Pad	430-3815-03-00-00
7	Domed Hex Nut (was thumb nut) (5/16 - 18)	931-3684-01-29-00
8	Thumb Screw (10 - 24)	330-3817-01-12-00
9	Spring Pin	315-3811-01-00-00
10	Compression Spring	345-3818-01-00-00
11	Punch	See product pages for part number
12	Anvil	See product pages for part number
13	Thumb Nut (10 - 24)	310-3829-01-12-00
14	Set Screw	330-1914-01-12-00
15	Machined Socket Head Screw (8 - 32)	330-0176-07-12-00
16	Set Screw (8 - 32)	330-1914-01-12-00
17	Name Plate	610-5579-01-00-00
18	Drive Screw (No. 4)	330-3820-01-00-00
19	Retaining Ring	345-3821-01-00-00
20	Tool Kit	390-0081-01-00-00

Tool installation instructions - Stage Instruction

- Loosen screws (15) in anvil plate (3)
- Install anvil (12) in anvil plate (3)
- Remove domed hex nuts (were thumb nuts) (7), cam shaft (5) and handle assembly (2)
- Install retaining ring (19) on punch (11)
- Install punch, inserting through compression spring (10)
- Reassemble handle assembly (2), cam shaft (5) and domed hex nut (were thumb nuts) (7)
- Bring handle forward so that punch (11) touches anvil (12)
- Line up punch and anvil by moving anvil plate (3)
- Lock anvil plate in place by tightening screws (15)
- Adjust anvil height by screwing into anvil plate, so that the clearance between punch and anvil, with handle all the way forward, is slightly less than the thickness of the board to be swaged
- Lock anvil in place by tightening set screw (14)
- Properly locate board support rods (4), (if needed) to fit board to be swaged
- Adjust thumb screws (8) so that the board will be level, and lock in place with thumb nuts (13)

SWAGING EXAMPLES



ITEM	DESCRIPTION	DIAGNOSIS OR CAUSE
1	Good Roll Swage	-----
2	Good Flare Swage	-----
3	Flare Swage	Split, due to excessive pressure and wrong tooling
4	Roll Swage	Damaged swage end due to misalignment of anvil and terminal with punch
5	Flare Swage	Insufficient swage due to improper anvil height adjustment
6	Flare Swage	Terminal swollen due to slightly excessive swaging pressure and anvil height adjustment
7	Bent Terminal	Bent terminal due to lifting board from anvil at an angle
8	Bowed Terminal Board	Board bowed during swaging due to undersized mounting holes in board
9	Damaged Board	Board damaged during swaging due to undersize terminal mounting holes and/or improper swaging tools

PRESS MOUNT INSULATED TERMINAL MOUNTING DATA

Mounting Instructions, Drill and Countersink Data

FIGURE 1 A Shank Dia.	FIGURES 2 & 3	
	B Drill Hole Dia.	C C'Slnt Dia.
.094 (2,39)	.083 (2,11)	.113 (2,87)
.126 (3,20)	.113 (2,87)	.138 (3,51)
.149 (3,78)	.136 (3,45)	.163 (4,14)
.165 (4,19)	.152 (3,86)	.178 (4,52)
.172 (4,37)	.158 (4,01)	.178 (4,52)
.185 (4,70)	.172 (4,37)	.198 (5,03)
.216 (5,49)	.203 (5,16)	.238 (6,05)

FIGURE 1

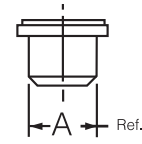
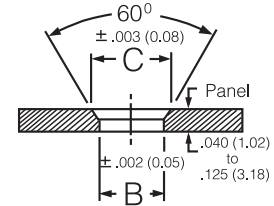
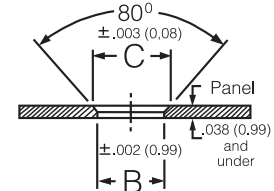


FIGURE 2



*Consult factory for greater panel thickness recommendations

FIGURE 3



MOUNTING PROCEDURE (unless otherwise noted)

- Step 1. Drill through-hole and countersink panel according to panel thickness, Figure 2 & 3, see table above.
- Step 2. Using an arbor type tool in a suitable press.
- Step 3. Press part into centre of panel mounting hole until shoulder of Teflon insulator is fully seated against panel, Figure 4. Raise tool and the job is complete.

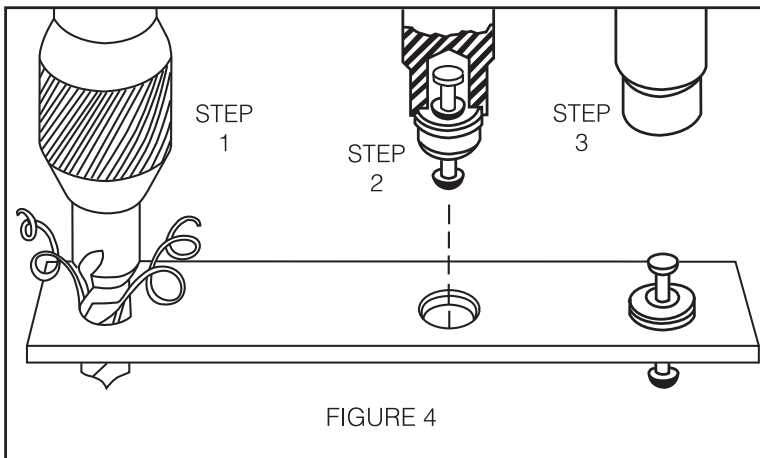


FIGURE 4

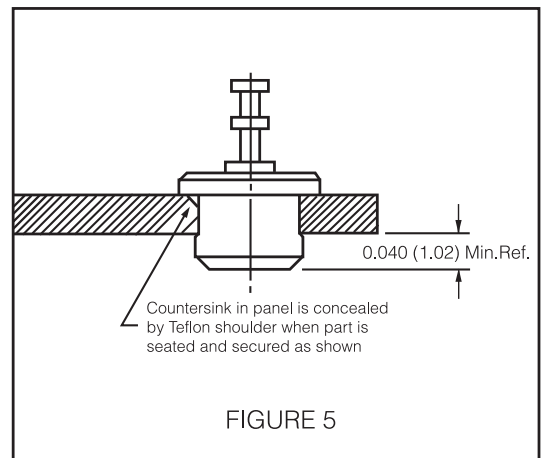


FIGURE 5

ANVILS & PUNCHES

Part No.	Anvil	Roll Punch	Flare Punch	Four Point Punch	Insertion Tool	Spinning Tool	Crimping Pliers
120-1011-XX-XX-00	435-6404-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
120-1012-XX-XX-00	435-6404-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
120-1013-XX-XX-00	435-6447-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
120-1014-XX-XX-00	435-6447-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
120-1030-XX-XX-00	435-6461-01-00-00	435-6618-01-00-00					
120-1031-XX-XX-00	435-6420-01-00-00	435-6626-01-00-00					
120-1032-XX-XX-00	435-6462-01-00-00	435-6619-01-00-00					
120-1132-XX-XX-00	435-6479-01-00-00	435-6673-01-00-00	435-6692-01-00-00				
120-1133-XX-XX-00	435-6479-01-00-00	435-6673-01-00-00	435-6692-01-00-00				
120-1134-XX-XX-00	435-6479-01-00-00	435-6673-01-00-00	435-6692-01-00-00				
120-1366-XX-XX-00	435-6499-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
120-1372-XX-XX-00	435-6458-01-00-00	435-6611-01-00-00	435-6657-01-00-00				
120-2081-XX-XX-00	435-6422-01-00-00	435-6622-01-00-00					
120-5212-02-XX-00	435-6807-01-00-00	435-6695-01-00-00					
140-1010-XX-XX-00	435-6445-01-00-00	435-6601-01-00-00	435-6663-01-00-00				
140-1018-XX-XX-00	435-6493-01-00-00	435-6629-01-00-00	435-6657-01-00-00				
140-1019-XX-XX-00	435-6449-01-00-00	435-6629-01-00-00	435-6657-01-00-00				
140-1025-XX-XX-00	435-6454-01-00-00	435-6601-01-00-00	435-6663-01-00-00				
140-1027-XX-XX-00	435-6442-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
140-1028-XX-XX-00	435-6487-01-00-00	435-6617-01-00-00	435-6657-01-00-00				
140-1385-11/01-XX-00	435-6412-01-00-00	435-6611-01-00-00	435-6657-01-00-00				
140-1385-02/03/04-XX-00	435-6412-01-00-00	435-6611-01-00-00	435-6692-01-00-00				
140-1578-XX-XX-00	435-6409-01-00-00	435-6609-01-00-00	435-6664-01-00-00				
140-1782-XX-XX-00	435-6424-01-00-00	435-6613-01-00-00	435-6664-01-00-00				
140-1783-XX-XX-00	435-6424-01-00-00	435-6613-01-00-00	435-6664-01-00-00				
140-1784-XX-XX-00	435-6418-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
140-1785-XX-XX-00	435-6412-01-00-00	435-6611-01-00-00	435-6692-01-00-00				
140-1937-XX-XX-00	435-6418-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
140-1941-XX-XX-00	435-6412-01-00-00	435-6617-01-00-00	435-6657-01-00-00				
140-1969-XX-XX-00	435-6402-01-00-00	435-6601-01-00-00	435-6663-01-00-00				
140-2089-XX-XX-00	435-6423-01-00-00	435-6629-01-00-00	435-6657-01-00-00				
140-2187-XX-XX-00	435-6436-01-00-00	435-6636-01-00-00					
160-1026-XX-XX-00	435-6404-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
160-1035-XX-XX-00	435-6432-01-00-00	435-6656-01-00-00					
160-1040-XX-XX-00	435-6447-01-00-00	435-6652-01-00-00					
160-1041-XX-XX-00	435-6447-01-00-00	435-6658-01-00-00					
160-1042-XX-XX-00	435-6447-01-00-00	435-6658-01-00-00					
160-1043-XX-XX-00	435-6447-01-00-00	435-6658-01-00-00					
160-1058-XX-XX-00	435-6404-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
160-1081-XX-XX-00	435-6438-01-00-00	435-6606-01-00-00					
160-1245-XX-XX-00	435-6401-01-00-00	435-6601-01-00-00	435-6663-01-00-00				
160-1457-XX-XX-00	435-6446-01-00-00	435-6603-01-00-00	435-6663-01-00-00				
160-1463-XX-XX-00	435-6405-01-00-00	435-6684-01-00-00					
160-1464-XX-XX-00	435-6405-01-00-00	435-6684-01-00-00					
160-1512-XX-XX-00	435-6404-01-00-00	435-6611-01-00-00	435-6692-01-00-00				
160-1513-XX-XX-00	435-6401-01-00-00	435-6601-01-00-00	435-6663-01-00-00				
160-1520-XX-XX-00	435-6401-01-00-00	435-6623-01-00-00					
160-1548-XX-XX-00	435-6401-01-00-00	435-6601-01-00-00	435-6663-01-00-00				
160-1558-XX-XX-00	435-6404-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
160-1579-XX-XX-00	435-6406-01-00-00	435-6606-01-00-00					
160-1597-XX-XX-00	435-6404-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
160-1604-11/01-XX-00	435-6411-01-00-00	435-6611-01-00-00	435-6657-01-00-00				
160-1604-02/03-XX-00	435-6411-01-00-00	435-6611-01-00-00	435-6692-01-00-00				
160-1620-XX-XX-00	435-6431-01-00-00	435-6669-01-00-00					
160-1724-XX-XX-00	435-6451-01-00-00	435-6601-01-00-00	435-6663-01-00-00				
160-1797-XX-XX-00	435-6451-01-00-00	435-6601-01-00-00	435-6663-01-00-00				
160-1798-XX-XX-00	435-6407-01-00-00	435-6607-01-00-00	435-6664-01-00-00				
160-2000-XX-XX-00	435-6430-01-00-00	435-6654-01-00-00					

ANVILS & PUNCHES

Part No.	Anvil	Roll Punch	Flare Punch	Four Point Punch	Insertion Tool	Spinning Tool	Crimping Pliers
160-2004-XX-XX-00	435-6430-01-00-00	435-6654-01-00-00					
160-2027-XX-XX-00	435-6419-01-00-00	435-6617-01-00-00	435-6657-01-00-00				
160-2034-XX-XX-00	435-6447-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
160-2040-XX-XX-00	435-6420-01-00-00	435-6618-01-00-00					
160-2041-XX-XX-00	435-6420-01-00-00	435-6617-01-00-00					
160-2042-XX-XX-00	435-6420-01-00-00	435-6618-01-00-00					
160-2043-XX-XX-00	435-6420-01-00-00	435-6617-01-00-00					
160-2044-XX-XX-00	435-6420-01-00-00	435-6618-01-00-00					
160-2080-XX-XX-00	435-6404-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
160-2084-XX-XX-00	435-6401-01-00-00	435-6601-01-00-00	435-6663-01-00-00				
160-2085-XX-XX-00	435-6429-01-00-00	435-6629-01-00-00	435-6657-01-00-00				
160-2100-11/01-XX-00	435-6411-01-00-00	435-6611-01-00-00	435-6657-01-00-00				
160-2100-02/03-XX-00	435-6411-01-00-00	435-6611-01-00-00	435-6692-01-00-00				
160-2110-XX-XX-00	435-6431-01-00-00	435-6631-02-00-00		435-6631-01-00-00			
160-2141-XX-XX-00	435-6432-01-00-00	435-6420-01-00-00					
160-3653-XX-XX-00	435-6411-01-00-00	435-6611-01-00-00	435-6657-01-00-00				
160-3747-XX-XX-00					435-2985-01-00-00		
180-1460-XX-XX-00	435-6443-01-00-00	435-6642-01-00-00					
180-1461-XX-XX-00	435-6443-01-00-00	435-6642-01-00-00					
180-1462-XX-XX-00	435-6443-01-00-00	435-6642-01-00-00					
180-2750-XX-XX-00	435-6430-01-00-00		435-6657-01-00-00				
180-2751-XX-XX-00	435-6430-01-00-00		435-6692-01-00-00				
180-2752-XX-XX-00	435-6463-01-00-00		435-6692-01-00-00				
180-2753-XX-XX-00	435-6430-01-00-00		435-6657-01-00-00				
180-2754-XX-XX-00	435-6430-01-00-00		435-6657-01-00-00				
180-2755-XX-XX-00	435-6465-01-00-00		435-6692-01-00-00				
180-2926-XX-XX-00	435-6463-01-00-00		435-6692-01-00-00				
180-7336-XX-XX-00	435-6411-01-00-00		435-6657-01-00-00				
180-7337-XX-XX-00	435-6411-01-00-00		435-6657-01-00-00				
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450-0016-XX-XX-00							435-5680-01-00-00
450-1801-XX-XX-00					435-6650-01-00-00		
450-1804-XX-XX-00	435-6800-01-00-00				435-6651-04-00-00		
450-1806-XX-XX-00	435-6808-01-00-00				435-6651-05-00-00		
450-1807-01-XX-00							435-5699-01-00-00
450-3263-XX-XX-00	435-6495-01-00-00	435-6619-01-00-00					
450-3266-XX-XX-00	435-6411-01-00-00	435-6618-01-00-00					
450-3310-XX-XX-00	435-6404-01-00-00	435-6683-01-00-00					
450-3320-XX-XX-00	435-6404-01-00-00	435-6658-02-00-00					
450-3324-XX-XX-00	435-6427-01-00-00	435-6656-01-00-00					
450-3367-XX-XX-00							435-5680-01-00-00
450-3375-XX-XX-00	435-6446-01-00-00	435-6654-01-00-00					
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450-3394-XX-XX-00	435-6495-01-00-00	435-6642-01-00-00	435-6657-01-00-00				
450-3413-XX-XX-00							435-5680-01-00-00
450-3723-XX-XX-00	435-6532-01-00-00				435-6655-03-00-00		
450-3729-XX-XX-00	435-6532-01-00-00				435-6651-01-00-00		
450-3754-XX-XX-00	435-6521-01-00-00	435-6658-02-00-00					
450-3756-XX-XX-00	435-6404-01-00-00	435-6642-01-00-00	435-6657-01-00-00				
450-3954-XX-XX-00	435-6533-01-00-00				435-6651-01-00-00		
450-3983-XX-XX-00	435-6534-01-00-00				435-6651-01-00-00		
450-3998-XX-XX-00	435-6532-01-00-00				435-6651-03-00-00		
450-5348-XX-XX-00	435-6532-01-00-00				435-6651-01-00-00		
450-7005-XX-XX-00	435-6532-01-00-00	435-6658-02-00-00					
460-1521-XX-XX-00	435-6497-01-00-00	435-6629-01-00-00	435-6690-01-00-00				
460-1523-XX-XX-00	435-6528-01-00-00		435-6663-01-00-00				
460-1524-XX-XX-00	435-6523-02-00-00		435-6663-01-00-00				

ANVILS & PUNCHES

Part No.	Anvil	Roll Punch	Flare Punch	Four Point Punch	Insertion Tool	Spinning Tool	Crimping Pliers
460-2599-XX-XX-00	435-6496-01-00-00		435-6657-01-00-00				
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460-2629-XX-XX-00	435-6523-01-00-00		435-6663-01-00-00				
460-2946-XX-XX-00	435-6520-01-00-00	435-6642-01-00-00	435-6690-01-00-00				
460-2947-XX-XX-00	435-6520-02-00-00	435-6642-01-00-00	435-6690-01-00-00				
460-2948-XX-XX-00	435-6520-03-00-00	435-6642-01-00-00	435-6690-01-00-00				
460-2956-XX-XX-00	435-6520-01-00-00	435-6642-01-00-00	435-6690-01-00-00				
460-2957-XX-XX-00	435-6520-02-00-00	435-6642-01-00-00	435-6690-01-00-00				
460-2958-XX-XX-00	435-6520-03-00-00	435-6642-01-00-00	435-6690-01-00-00				
460-2970-XX-XX-00	435-6468-01-00-00	435-6642-01-00-00	435-6690-01-00-00				
460-2971-XX-XX-00	435-6468-01-00-00	435-6642-01-00-00	435-6690-01-00-00				
460-2976-XX-XX-00	435-6468-01-00-00	435-6642-01-00-00	435-6690-01-00-00				
460-2983-XX-XX-00	435-6514-01-00-00		435-6690-01-00-00				
460-2984-XX-XX-00	435-6514-01-00-00		435-6690-01-00-00				
460-3202-XX-XX-00	435-6496-01-00-00	435-6619-01-00-00					
460-3205-XX-XX-00	435-6430-01-00-00	435-6654-01-00-00					
460-3220-XX-XX-00	435-6420-01-00-00		435-6657-01-00-00				
460-3221-XX-XX-00	435-6430-01-00-00		435-6657-01-00-00				
460-3231-XX-XX-00	435-6474-01-00-00		435-6690-01-00-00				
460-3232-XX-XX-00	435-6468-01-00-00	435-6642-01-00-00	435-6690-01-00-00				
460-3233-XX-XX-00	435-6468-01-00-00	435-6642-01-00-00	435-6690-01-00-00				
460-3241-XX-XX-00	435-6468-01-00-00	435-6642-01-00-00	435-6690-01-00-00				
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460-3308-XX-XX-00							435-5680-01-00-00
460-3342-XX-XX-00	435-6411-01-00-00		435-6657-01-00-00				
460-3368-XX-XX-00							435-5680-01-00-00
460-3369-XX-XX-00							435-5680-01-00-00
460-3393-XX-XX-00	435-6474-01-00-00	435-6642-01-00-00	435-6657-01-00-00				
460-3889-XX-XX-00	435-6474-01-00-00	435-6676-01-00-00	435-6691-01-00-00				
460-5243-XX-XX-00	435-6461-01-00-00	435-6618-01-00-00					
460-5247-XX-XX-00	435-6807-01-00-00	435-6695-01-00-00					
460-8450-XX-XX-00	435-8053-01-00-00				435-8054-01-00-00		
460-8451-XX-XX-00	435-8053-01-00-00				435-8054-01-00-00		
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572-4842-XX-XX-00	435-6805-01-00-00					435-6853-01-00-00	
572-4843-XX-XX-00	435-6805-01-00-00					435-6851-01-00-00	
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572-4860-XX-XX-00	435-6805-01-00-00					435-6853-01-00-00	
572-4861-XX-XX-00	435-6805-01-00-00					435-6851-01-00-00	
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572-4883-XX-XX-00	435-6806-01-00-00					435-6854-01-00-00	
572-4886-XX-XX-00	435-6806-01-00-00					435-6854-01-00-00	
572-4892-XX-XX-00	435-6806-01-00-00					435-6854-01-00-00	
572-4901-XX-XX-00	435-6806-01-00-00					435-6854-01-00-00	
572-4904-XX-XX-00	435-6806-01-00-00					435-6854-01-00-00	
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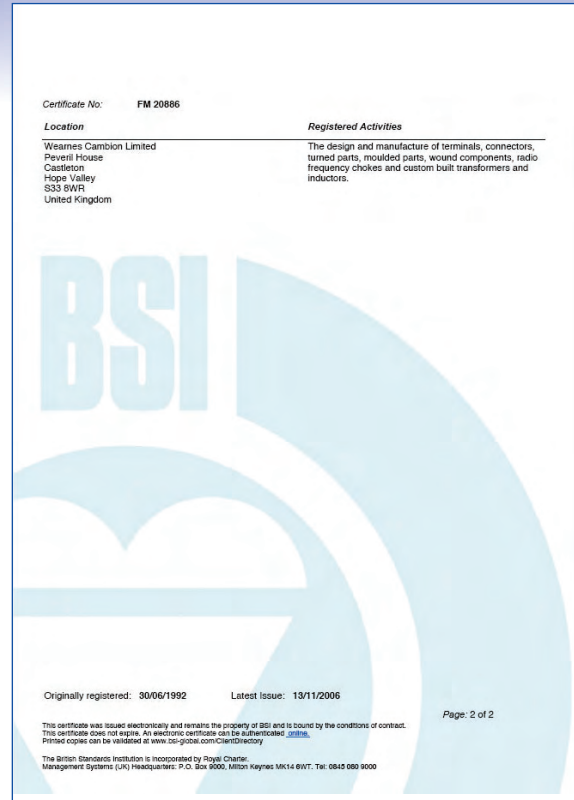
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120-1366	48	160-2380	54	450-3326	8
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120-5212	48	160-3747	49	450-3359	15
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140-2089	58	360-0017	28	450-3708	8
140-2187	58	400-1800	32	450-3716	8
160-1026	50	400-1803	32	450-3718	8
160-1035	57	400-2800	32	450-3720	9
160-1040	51	400-2801	32	450-3721	9
160-1041	56	400-2802	32	450-3722	8
160-1042	57	400-2803	32	450-3723	9
160-1043	57	410-2146	29	450-3729	9
160-1058	50	410-2329	29	450-3752	9
160-1081	57	410-2339	29	450-3754	11
160-1245	49	410-2832	29	450-3755	9
160-1457	49	410-2844	29	450-3756	11
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160-1464	56	444-1514	31	450-3772	8
160-1512	49	444-1515	31	450-3775	29
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160-1520	57	445-8600	30	450-3783	10
160-1548	53	445-8601	30	450-3888	14
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460-2946	21	555-5120	75	571-4073	34
460-2947	21	555-5130	76	571-4078	35
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QUALITY APPROVALS



CAGE CODE

Wearnes Cambion Limited's cage code is K3105

REACH

Registration, Evaluation, Authorisation and Restriction of Chemicals. (REACH) Statement.

Wearnes Cambion Limited has studied the above regulations and at the time of print do not import or manufacture any chemical or articles above 1 (one) tonne from outside the EU. As a result, Wearnes Cambion Limited are classified as a **DOWNSTREAM USER**, which under the current directive only requires adherence to use purchased materials per manufacturers instructions. Currently Wearnes Cambion Limited do not supply any chemicals or services direct to any customers or sub-contractors, consequently have not registered any of the product contained in this catalogue.

Wearnes Cambion Limited will take all necessary steps to ensure continuation of material supplies (e.g. lubricants, machine coolants, cleaning materials etc.) and services used in processes to manufacture the products contained in this catalogue.

RoHS

Restriction of Hazardous Substances. (RoHS) Statement

Wearnes Cambion Limited is committed to offering products that comply with the latest EU directives, however it is recognised that not all applications through exemptions require 'Lead Free' products, consequently Wearnes Cambion Limited will endeavour to offer both RoHS and non RoHS products applicable to customer requirements. Products are clearly defined in the catalogue pages with their RoHS status, thus giving the customer a greater flexibility with product selection. RoHS compliant certificates are available from our web www.cambion.com

Please contact our Engineering department with any specific issues.



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