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MICRO JACKS

- Space saving design for high density packaging
- Beryllium Copper multi-spring contact maintains retention after multiple insertions
- Ideal for mounting transistors, resistors, diodes, IC's and similar miniature components
- Custom micro jacks manufactured to your specifications
- Other platings available upon request

SPECIFICATIONS

Body: Brass, ASTM-B16 Spring: Beryllium Copper (QQ-C-533)

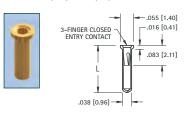
Plating: Gold: .000005 per MIL-G-45204 RoHS (RoHS Compliant)

Tin/Lead: .000200 to .000300 per MIL-T-10727, Type 1 RoHS (Non-RoHS Compliant)

PLATING OPTIONS						
CONTACT						
PLATING	BODY	SPRING	RoHS			
Gold/Gold	Gold	Gold	Compliant			
Tin/Tin	Tin/Lead	Tin/Lead	Non Compliant			
Tin/Gold	Tin/Lead	in/Lead Gold Non-Compl				

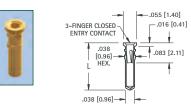






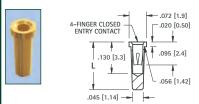
ĺ	RoHS	NON-RoHS			Mtg.
	GOLD/GOLD	TIN/TIN TIN/GOLD		L	Hole
	CAT. NO.	CAT. NO.	CAT. NO.	Length	Dia.
	1411-1	1431-1	1420-1	.140 (3.6)	.042
	1411-2	1431-2	1420-2	.170 (4.3)	(1.07)

.015 (.38) - .021 (.53) PIN - PRESS FIT



RoHS	NON-RoHS			Mtg.
GOLD/GOLD	TIN/TIN TIN/GOLD		L	Hole
CAT. NO.	CAT. NO.	CAT. NO.	Length	Dia.
1412-1	1432-1	1468-1	.140 (3.6)	.040
1412-2	1432-2	1468-2	.170 (4.3)	(1.02)
1412-3	1432-3	1468-3	.282 (7.2)	(1.02)

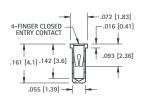
.015 (.38) - .025 (.64) PIN - TAPER-FIT



RoHS	NON-RoHS			Mtg.
GOLD/GOLD	TIN/TIN TIN/GOLD		L	Hole
CAT. NO.	CAT. NO.	CAT. NO.	Length	Dia.
1415-1	1435-1	1469-1	.160 (4.1)	.055
1415-2	1435-2	1469-2	.190 (4.8)	(1.40)

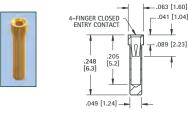
.015 (.38) - .025 (.64) PIN - SOLDER MOUNT





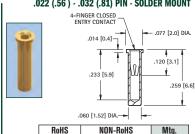
RoHS	NON-	Mtg.	
GOLD/GOLD	TIN/TIN	Hole	
CAT. NO.	CAT. NO.	CAT. NO.	Dia.
1413	1433	1470	.059 (1.50)

.015 (.38) - .025 (.64) PIN - SOLDER MOUNT



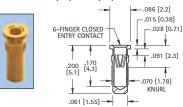
	RoHS	NON-	Mtg.	
	GOLD/GOLD	TIN/TIN	Hole	
	CAT. NO.	CAT. NO. CAT. NO.		Dia.
	1603	1606	1607	.052 (1.32)
ľ				

.022 (.56) - .032 (.81) PIN - SOLDER MOUNT



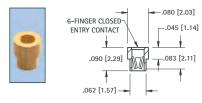
NUN-	Mtg.	
TIN/TIN	Hole	
CAT. NO.	Dia.	
1694	1695	.063 (1.60)
		CAT. NO. CAT. NO.

.022 (.56) - .034 (.86) PIN - PRESS FIT



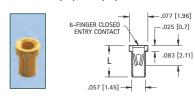
RoHS	NON-	Mtg.	
GOLD/GOLD	TIN/TIN	Hole	
CAT. NO.	CAT. NO.	CAT. NO.	Dia.
1416	1436	1471	.067 (1.70)

.022 (.56) - .034 (.86) PIN - SOLDER MOUNT



RoHS	NON-	Mtg.	
GOLD/GOLD	TIN/TIN	Hole	
CAT. NO.	CAT. NO. CAT. NO.		Dia.
1658	1659	1673	.065 (1.65)

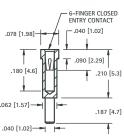
.025 (.64) - .037 (.94) PIN - SOLDER MOUNT



RoHS	NON-RoHS			Mtg.
GOLD/GOLD	TIN/TIN TIN/GOLD		L	Hole
CAT. NO.	CAT. NO.	CAT. NO.	Length	Dia.
1626-1	1614-1	1619-1	.095 (2.4)	.062
1626-2		1619-2		(1.57)
1626-3	1614-3	1619-3	.155 (3.9)	(1.01)

.025 (.64) - .037 (.94) PIN - SOLDER MOUNT



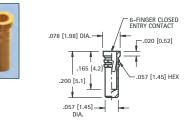


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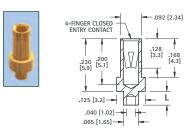
RoHS	NON-	Mtg.	
GOLD/GOLD	TIN/TIN	Hole	
CAT. NO.	CAT. NO. CAT. NO.		Dia.
3590	3591	_	.065 (1.65)

.025 (.64) - .037 (.94) PIN - PRESS FIT



RoHS	NON-	Mtg.	
GOLD/GOLD	TIN/TIN TIN/GOLD		Hole
CAT. NO.	CAT. NO.	CAT. NO.	Dia.
1697	1698	1699	.063 (1.60)

.032 (.81) - .046 (1.17) PIN - SWAGE MOUNT

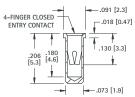


RoHS	NON-RoHS			Mtg.
GOLD/GOLD	TIN/TIN TIN/GOLD		L	Hole
CAT. NO.	CAT. NO.	CAT. NO.	Length	Dia.
1419-1	1439-1	1478-1	.062 (1.6)	.069
1419-2	1439-2	1478-2	.094 (2.4)	(1.75)

MICRO JACKS

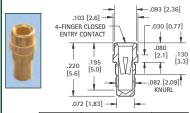






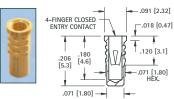
RoHS	NON-	Mtg.	
GOLD/GOLD	TIN/TIN	TIN/GOLD	Hole
CAT. NO.	CAT. NO.	CAT. NO.	Dia.
1417	1437	1479	.076 (1.93)

.032 (.81) - .046 (1.17) PIN - PRESS-FIT



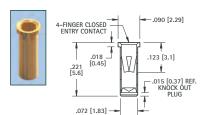
RoHS	NON-RoHS		Mtg.
GOLD/GOLD	TIN/TIN TIN/GOLD		Hole
CAT. NO.	CAT. NO.	CAT. NO.	Dia.
1443	1446	1473	.078 (1.98)

.032 (.81) - .046 (1.17) PIN - PRESS-FIT



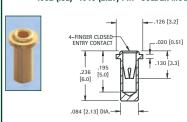
RoHS	NON-RoHS		Mtg.
GOLD/GOLD	TIN/TIN TIN/GOLD		Hole
CAT. NO.	CAT. NO.	CAT. NO.	Dia.
1442	1445	1486	.079 (2.0)

.032 (.81) - .046 (1.17) PIN - SOLDER MOUNT



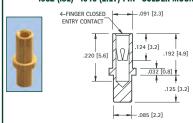
RoHS	NON-	Mtg.	
GOLD/GOLD	TIN/TIN TIN/GOLD		Hole
CAT. NO.	CAT. NO.	CAT. NO.	Dia.
1441	1444	1488	.076 (1.93)

.032 (.81) - .046 (1.17) PIN - SOLDER MOUNT



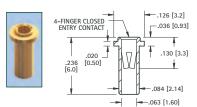
RoHS	NON-	Mtg.	
GOLD/GOLD	TIN/TIN TIN/GOLD		Hole
CAT. NO.	CAT. NO.	CAT. NO.	Dia.
1674	1675	1676	.087 (2.21)

.032 (.81) - .046 (1.17) PIN - SOLDER MOUNT



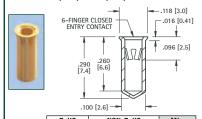
RoHS	NON-	Mtg.	
GOLD/GOLD	TIN/TIN	TIN/GOLD	Hole
CAT. NO.	CAT. NO.	CAT. NO.	Dia.
1677	1678	1679	.089 (2.26)

.032 (.81) - .046 (1.17) PIN - SOLDER MOUNT



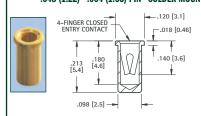
RoHS	NON-RoHS		Mtg.
GOLD/GOLD	TIN/TIN	TIN/GOLD	Hole
CAT. NO.	CAT. NO.	CAT. NO.	Dia.
1414	1434	1496	.089 (2.26)

.040 (1.02) - .050 (1.27) PIN - SOLDER MOUNT



RoHS	NON-	Mtg.	
GOLD/GOLD	TIN/TIN	TIN/GOLD	Hole
CAT. NO.	CAT. NO.	CAT. NO.	Dia.
1418	1438	1497	.104 (2.6

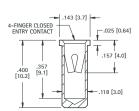
.048 (1.22) - .064 (1.63) PIN - SOLDER MOUNT



RoHS	NON-RoHS		Mtg.
GOLD/GOLD	TIN/TIN	TIN/GOLD	Hole
CAT. NO.	CAT. NO.	CAT. NO.	Dia.
1682	1683	1684	.102 (2.6)

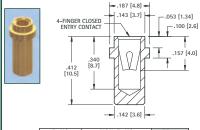
.065 (1.65) - .082 (2.08) PIN - SOLDER MOUNT





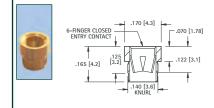
RoHS	NON-	Mtg.	
GOLD/GOLD	TIN/TIN	TIN/GOLD	Hole
CAT. NO.	CAT. NO.	CAT. NO.	Dia.
1641A	1641B	1641C	.122 (3.1)

.065 (1.65) - .082 (2.08) PIN - SOLDER MOUNT



RoHS	NON-	Mtg.	
GOLD/GOLD	TIN/TIN TIN/GOLD		Hole
CAT. NO.	CAT. NO.	CAT. NO.	Dia.
1687	1688	1689	.146 (3.7)

.084 (2.13) - .102 (2.6) PIN - PRESS-FIT



RoHS	NON-	-RoHS	Mtg.
GOLD/GOLD	TIN/TIN	TIN/GOLD	Hole
CAT. NO.	CAT. NO.	CAT. NO.	Dia.
1640A	1640B	1640C	.138 (3.5)

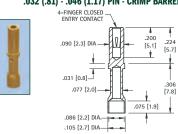
.072 [1.83]

.101 [2.6]

.053 [1.35]

.031 [0.80]

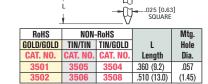
.032 (.81) - .046 (1.17) PIN - CRIMP BARREL JACK

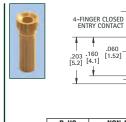


RoHS	NON-RoHS		
GOLD/GOLD	TIN/TIN TIN/GOLD		
CAT. NO.	CAT. NO.	CAT. NO.	
3593	3594	3595	

4-FINGER CLOSED -.031 [0.80] ENTRY CONTACT -.101 [2.6] 193 [4.9] [4.1]

.053 [1.35]





IC SOCKET CONTACTS FOR .015 (.38) - .025 (.64) LEADS - PRESS-FIT

RoHS	NON-	RoHS	Mtg.
GOLD/GOLD	TIN/TIN	TIN/GOLD	Hole
CAT. NO.	CAT. NO.	CAT. NO.	Dia.
3503	3507	3509	.057 (1.45)





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MICRO PINS

- Precision engineered and manufactured
- Space saving design for high density packaging
- Micro pins are available in .017 (.43) to .080 (2.03) diameters
- Ideal for mating with our standard line of micro jacks
- · Available for press-fit, swage or solder mounting
- Custom micro pins manufactured to your specifications
- Other platings available upon request

SPECIFICATIONS

Material: Brass, ASTM-B16

Plating:

Gold: .000005 per MIL-G-45204 Tin: .000200 to .000300 per MIL-T-10727, Type 1

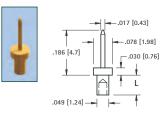
RoHS (RoHS Compliant)

DASH NUMBERS (L Dimension)

- -1 for .032 (.81) thick Board
- -2 for .062 (1.57) thick Board
- -3 for .093 (2.36) thick Board
- -4 for .125 (3.2) thick Board

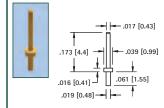
Example: 1967-1 for .032 (.81) thick Board 1967-2 for .062 (1.57) thick Board





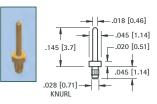
GOLD	TIN	L	Mtg. Hole
CAT. NO.	CAT. NO.	Length	Dia.
1967-1	1968-1	.051 (1.3)	
1967-2	1968-2	.082 (2.0)	(1.32)

.017 (.43) PIN - SOLDER MOUNT



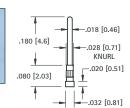
GOLD	TIN	Mtg. Hole
CAT. NO.	CAT. NO.	Dia.
1378-1	1379-1	.022 (.56)

.018 (.46) PIN - PRESS-FIT



GOLD	TIN	Mtg. Hole
CAT. NO.	CAT. NO.	Dia.
1986-1	1987-1	.026 (.66)

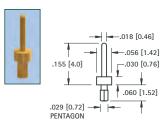
.018 (.46) PIN- PRESS-FIT



MATERIAL: Phosphor Bronze

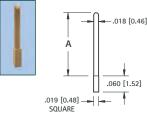
GOLD	TIN	Mtg. Hole
CAT. NO.	CAT. NO.	Dia.
1990-2	1991-2	.026 (.66)

.018 (.46) PIN - PRESS-FIT



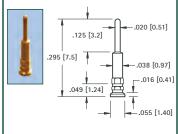
GOLD	TIN	Mtg. Hole
CAT. NO.	CAT. NO.	Dia.
1988-2	1989-2	.026 (.66)

.018 (.46) PIN - PRESS-FIT



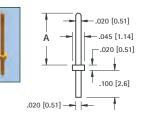
GOLD	TIN	Α	Mtg. Hole
CAT. NO.	CAT. NO.	Dim.	Dia.
1992-2	1994-2	.243 (6.2)	.022
1993-2	1995-2	.140 (3.6)	(.56)

.020 (.51) PIN - PRESS-FIT



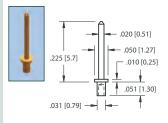
GOLD	TIN	Mtg. Hole
CAT. NO.	CAT. NO.	Dia.
1996-2	1997-2	.040 (1.01)

.020 (.51) PIN - SOLDER MOUNT



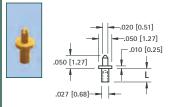
GULD	IIN	A	Mtg. Hole
CAT. NO.	CAT. NO.	Dim.	Dia.
1998-3	2000-3	.250 (6.4)	.024
1999-3	2001-3	.425 (10.8)	(.61)

.020 (.51) PIN - SWAGE MOUNT



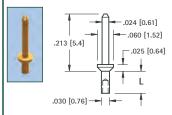
GOLD	TIN	Mtg. Hole
CAT. NO.	CAT. NO.	Dia.
1366-1	1367-1	.035 (.89)

.020 (.51) PIN - SWAGE MOUNT



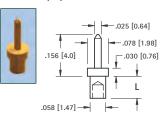
GO	LD	TIN	L	Mtg. Hole
CAT.	NO.	CAT. NO.	Length	Dia.
137	2-1	1373-1	.051 (1.3)	.031
137	2-2	1373-2	.082 (2.1)	(.78)

.024 (.61) PIN - SWAGE MOUNT



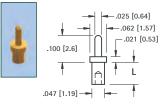
Mtg. Hole
ı Dia.
2) .035
(.89)

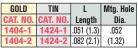
.025 (.64) PIN - SWAGE MOUNT



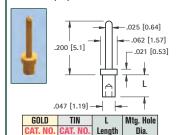
G	OLD	TIN	L	Mtg. Hole
CAT	r. NO.	CAT. NO.	Length	Dia.
14	08-1	1428-1	.062 (1.6)	.062
14	08-2	1428-2	.094 (2.4)	(1.57)

.025 (.64) PIN - SWAGE MOUNT





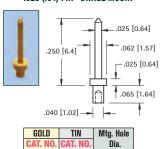
.025 (.64) PIN - SWAGE MOUNT



1427-1 .051 (1.3)

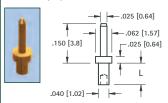
1407-2 1427-2 .082 (2.1)

.025 (.64) PIN - SWAGE MOUNT



1401-1 1421-1 .043 (1.09)

.025 (.64) PIN - SWAGE MOUNT



GOLD	TIN	L	Mtg. Hole
CAT. NO.	CAT. NO.	Length	Dia.
1368-1	1369-1	.051 (1.3)	040
1368-2	1369-2	.082 (2.1)	.043 (1.09)
1368-3	1369-3	.113 (2.9)	(1.09)

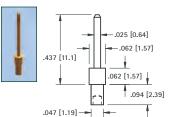
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.052

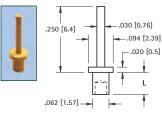
(1.32)





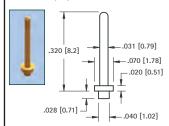
GOLD	TIN	Mtg. Hole
CAT. NO.	CAT. NO.	Dia.
1370-2	1371-2	.052 (1.32)

.030 (.76) PIN - SWAGE MOUNT



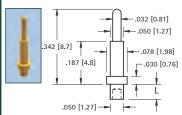
GOLD	TIN	L	Mtg. Hole
CAT. NO.	CAT. NO.	Length	Dia.
1374-1	1375-1	.051 (1.3)	007
1374-2	1375-2	.082 (2.1)	.067 (1.70)
1374-3	1375-3	.113 (2.9)	(1.70)

.031 (.79) PIN- SOLDER MOUNT



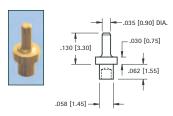
GOLD	TIN	Mtg. Hole
CAT. NO.	CAT. NO.	Dia.
1352-1	1353-1	.043 (1.09)

.032 (.81) PIN- SWAGE MOUNT



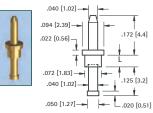
GOLD	TIN	L	Mtg. Hole
CAT. NO.	CAT. NO.	Length	Dia.
1354-1	1355-1	.051 (1.3)	.052
1354-2	1355-2	.082 (2.1)	(1.32)

.035 (.90) PIN- SWAGE MOUNT



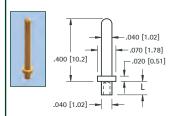
GOLD	TIN	Mtg. Hole	
CAT. NO.	CAT. NO.	Dia.	
1380-1	1381-1	.062 (1.57)	

.040 (1.0) PIN - SWAGE MOUNT



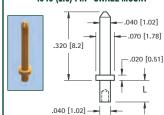
GOLD	TIN	L	Mtg. Hole
CAT. NO.	CAT. NO.	Length	Dia.
1356-1	1357-1	.051 (1.3)	.076
1356-2	1357-2	.082 (2.1)	(1.93)
1356-3	1357-3	.113 (2.9)	(1.55)

.040 (1.0) PIN - SWAGE MOUNT



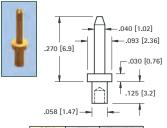
GOLD	TIN		Mtg. Hole
CAT. NO.	CAT. NO.	Length	Dia.
1358-1	1359-1		
1358-2	1359-2	.082 (2.1)	(1.09)

.040 (1.0) PIN - SWAGE MOUNT



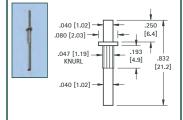
GOLD	TIN	L	Mtg. Hole
CAT. NO.	CAT. NO.	Length	Dia.
1405-1	1425-1	.051 (1.3)	040
1405-2	1425-2	.082 (2.1)	.043 (1.09)
1405-3	1425-3	.113 (2.9)	(1.03)

.040 (1.0) PIN - SWAGE MOUNT



GOLD	TIN	Mtg. Hole
CAT. NO.	CAT. NO.	Dia.
1402-3	1422-3	.062 (1.57)

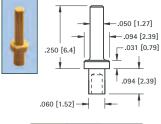
.040 (1.0) KAY PIN - PRESS-FIT



MATERIAL: Solid Nickel Silver

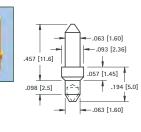
Mtg. Hole **CAT. NO. 1218** .043 (1.09) Dia.

.050 (1.3) PIN - SWAGE MOUNT



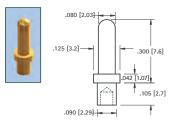
GOLD	TIN	Mtg. Hole
CAT. NO.	CAT. NO.	Dia.
1360-2	1361-2	.064 (1.63)

.063 (1.6) PIN - SWAGE MOUNT



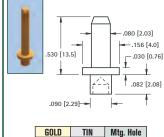
GOLD	TIN	Mtg. Hole
CAT. NO.	CAT. NO.	Dia.
1362-2	1363-2	.067 (1.70)

.080 (2.0) PIN - SWAGE MOUNT



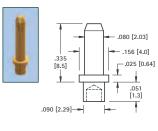
l	GOLD	TIN	Mtg. Hole	
	CAT. NO.	CAT. NO.	Dia.	
	1376-2	1377-2	.094 (2.38)	

.080 (2.0) PIN - SWAGE MOUNT



GOLD	TIN	Mtg. Hole
CAT. NO.	CAT. NO.	Dia.
1364-2	1365-2	.094 (2.38)

.080 (2.0) PIN - SWAGE MOUNT



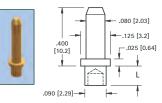
GOLD	TIN	Mtg. Hole
CAT. NO.	CAT. NO.	Dia.
1447-1	1455-1	.094 (2.38)

MATERIAL:

Pin: Brass.

Gold Plate

.080 (2.0) PIN - SWAGE MOUNT



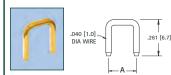
GOLD	TIN	L	Mtg. Hole	l
CAT. NO.	CAT. NO.	Length	Dia.	
1447-2	1455-2	.094 (2.4)		l
1447-3	1455-3	.125 (3.2)	.094 (2.38)	l
1447-4	1455-4	.156 (4.0)		

INSULATED SHORTING PIN



BLUE	RED	BLACK	A	W
CAT. NO.	CAT. NO.	CAT. NO.	Dim.	Dim.
1460L	1460R	1460B		.375 (9.5)
1461L	1461R	1461B		.375 (9.5)
1462L	1462R	1462B	.400 (10.2)	.620 (15.7)
1463L	1463R	1463B	.500 (12.7)	.620 (15.7)

.040 (1.0) PINS



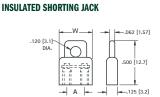
[1.02]		
	Non-insulated	Α
	CAT. NO.	Dim.
	1430-1	.200 (5.1)
MATERIAL:	1430-2	.250 (6.4)
Insulator: Polypropylene	1430-3	.300 (7.6)
Blue, Red or Black	1430-4	.400 (10.2)
Pin: Brass, Gold Plate	1430-5	.500 (12.7)

SHORTING PIN



• For .040 (1.0) Pin

ı				
ı	BLUE	RED	BLACK	A
ı	CAT. NO.	CAT. NO.	CAT. NO.	Dim
ı	1487L	1487R	1487B	.200 (5.1



MATERIAL: Insulator: Polypropylene Dim. Blue, Red or Black .1) .375 (9.5) Spring: Beryllium 1400L 1400R 1400B .400 (10.2) .620 (15.7) Copper, Gold Plate

Tel (516) 328-7500 • Fax (516) 328-1080 (800) 221-5510 • kec@keyelco.com

KEYSTONE Rohs Compliant - ISO 9001 CERTIFIED MICRO PINS

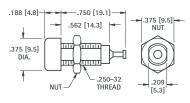


FULLY INSULATED DELUXE TIP JACK

ACCEPTS .080 (2.0) TIP WITH CLOSED ENTRY CONTACT

Fully molded body with recessed closed entry design. Assures maximum retention with .010 maximum contact resistance. Prevents accidental insertion of larger diameter probes. Current rating: 10 Amps. Breakdown voltage 5700V RMS. Capacitance to metal panel 2.0 pF nominal. Supplied with nut.





MATERIAL:

Body: Nylon 6/6 ASTM D4066 Contact: Beryllium Copper, Silver Plate

Terminal: Brass, Tin Plate

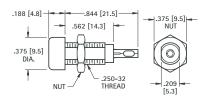
COLOR WHITE 6031 RED 6032 BLACK **GREEN** YELLOW 6034 BLUE

FULLY INSULATED STANDARD TIP JACK

ACCEPTS .080 (2.0) TIP

Economical tip jacks with molded Nylon body. Low contact resistance. Formed Phosphor Bronze contact with solder hole for ease in attaching wire. Current rating 10 Amps. Breakdown voltage 5700 VRMS. Capacitance to metal panel 3.8 pF. Supplied with nut.





UNINSULATED TIP JACK

ACCEPTS .080 (2.0) TIP

Quality, precision machined tip jack made of brass. Ideal for use on

metal panels where grounding is required. Fits panels up to .375 (9.5)

MATERIAL:

Body: Nylon 6/6 ASTM D4066 Contact: Phosphor Bronze, Tin Plate

CAT. NO.	CULUR
6018	WHITE
6019	RED
6020	BLACK
6021	GREEN
6022	YELLOW
6023	BLUE

.812 [20.6]

∠ .250-32 THREAD

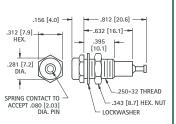
.375 [9.5] HEX. NUT

METAL-CLAD TIP JACK (MIL)

ACCEPTS .080 (2.0) TIP WITH CLOSED ENTRY CONTACT

High quality tip jack for high reliability industrial applications. Ideal for use where required to withstand severe environmental conditions, temperature, vibration and salt spray. Recessed closed entry contact. Current rating 10 amps. Breakdown voltage: 5700V RMS. Made to MIL-C39024/10. Capacitance to metal panel 2.0 pF. Supplied complete with hardware.





MATERIAL:

Body: Nylon 6/6 ASTM D4066

Shell & Nut: Brass QQ-B-626, Nickel Plate QQ-N-290 Contact: Beryllium Copper

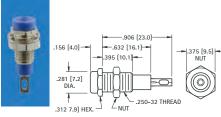
for QQ-C-533. Gold Plate MIL-G-45204

CAT. NO.	COLOR
6012	WHITE
6013	RED
6014	BLACK
6015	GREEN

METAL-CLAD TIP JACK (STD)

ACCEPTS .080 (2.0) TIP

Molded Nylon body with metal jacket. Contact is formed from phosphor bronze contact with solder hole for ease in attaching wire. Designed for positive contact, easy insertion and withdrawal. Current rating: 10 Amps. Breakdown voltage 5700V RMS. Capacitance to metal panel 3.8 pF. Supplied with nut.



MATERIAL:

Body: Nylon 6/6 **ASTM D4066** Shell: Brass Nickel Plate

Contact: Phosphor Bronze,

Silver Plate

CAT. NO.	COLOR	
250-32 THREAL		
	.375 [9.5] NUT	

WHITE

RED

BLACK

GREEN

YELLOW

BILLE

MATERIAL:

Body: Brass, Nickel Plate Contact: Beryllium Copper **Current Rating: 15 Amps**

Thick, Supplied with nut.

.312 [7.9]

.281 [7.2]

SPRING CONTACT TO

ACCEPT .080 [2.03] DIA, PIN

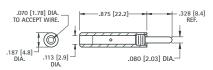
CAT. NO. 6097

SOLDER TIP PLUGS

.080 (2.0) DIAMETER TIP



Designed for miniaturization where space is critical. Solder lead connection. Maximum reliability with minimum contact resistance. Base of tip is recessed to eliminate shock or grounding. Fits all standard jacks.



MATERIAL:

112

Tip: Brass, Nickel Plate Handle: Nylon 6/6 **Current Rating: 10 Amps**

CAT. NO.	COLOR
6006	WHITE
6007	RED
6008	BLACK

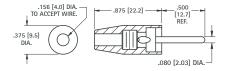
SOLDERLESS TIP PLUGS

.080 (2.0) DIAMETER TIP



Fully insulated molded nylon sleeve. Maximum reliability with minimum contact resistance. Recessed metal head eliminates possibility of shock or grounding. Designed for solderless connection of up to 16 gauge stranded wire which fits through handle and tip and is secured by screwing handle tight. Fits all standard tip jacks.

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MATERIAL:

Tin: Brass Nickel Plate Handle: Nylon 6/6 **Current Rating: 10 Amps**

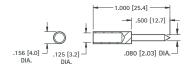
CAT. NO.	COLOR
6000	WHITE
6001	RED
6002	BLACK
6003	GREEN
•	

STANDARD PHONE TIP

.080 (2.0) DIAMETER TIP



Accepts up to 12 gauge wire. Fits all standard tip jacks.

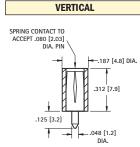


MATERIAL: Brass. Nickel Plate

CAT. NO. 1601





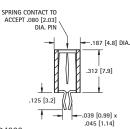


MATERIAL:

Body: Nylon 6/6 ASTM D4066 Contact: Brass, Silver Plate

CAT. NO.	COLOR
6036	WHITE
6037	RED
6038	BLACK
6039	YELLOW
6040	GREEN
6041	BLUE

SNAP-FIT VERTICAL



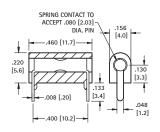
MATERIAL:

Body: Nylon 6/6 ASTM D4066 Contact: Beryllium Copper, Silver Plate Mounting: Snap-fits into .052 (1.32) hole

CAT. NO.	COLOR
6042	WHITE
6043	RED
6044	BLACK
6045	YELLOW
6046	GREEN
6047	BLUE

LOW PROFILE HORIZONTAL





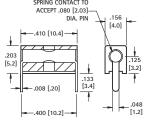
GOLD PLATE		SILVER PLATE
CAT. NO.	COLOR	CAT. NO.
6060	WHITE	6066
6061	RED	6067
6062	BLACK	6068
6063	YELLOW	6069
6064	GREEN	6070
6065	BLUE	6071

MATERIAL:

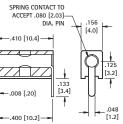
Body: Nylon 6/6 ASTM D4066 Contact: Beryllium Copper, Gold or Silver Plate

HORIZONTAL/VERTICAL





l	CAT. NO.	COLOR
l	6054	WHITE
l	6055	RED
l	6056	BLACK
l	6057	YELLOW
l	6058	GREEN
I	6059	BLUE

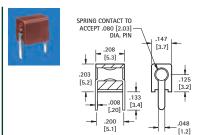


TE	
D	
CK	MAT
.0W	Body:
EN	Conta
JE	Silver

ERIAL:

Nylon 6/6 ASTM D4066 act: Beryllium Copper, Plate

MINIATURE HORIZONTAL



CAT. NO.	COLOR			
6048	WHITE			
6049	RED			
6050	BLACK			
6051	YELLOW			
6052	GREEN			
6053	BLUE			

MATERIAL:

Body: Nylon 6/6 ASTM D4066 Contact: Beryllium Copper, Silver Plate

HIGH TEMPERATURE PTFE INSULATED TEST POINT JACKS

SPECIFICATIONS

Terminal Jack: Beryllium Copper (QQ-C-533) *Brass ASTM B16

Plating: Gold per MIL-G-45204, Type II

Operating Temperature: -60°F to +500°F (-50°C to 260°C)

Bushing: White PTFE RoHS (RoHS Compliant)

Red or Black PTFE ROHS (Non-RoHS Compliant)

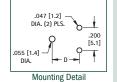




FIG. 1

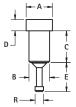




FIG. 2



FIG. 3

B DIA. 40 [3.6] .125 [3.2]

RoHS	NON-	RoHS								Acc	epts
White	Red	Black								Tip Dia.	Tip
CAT NO.	CAT NO.	CAT NO.	FIG.	A	В	C	D	E	R	± .001 (.03)	Length
11001	11001-R	11001-B	1	.142 (3.6)	.120 (3.1)	.244 (6.2)	.046 (1.2)	.120 (3.1)	.060 (1.5)	.040 (1.0)	.205 (5.2)
11002	11002-R	11002-B	1	.142 (3.6)	.120 (3.1)	.283 (7.2)	.046 (1.2)	.120 (3.1)	.060 (1.5)	.040 (1.0)	.245 (6.2)
11003	11003-R	11003-B	1	.172 (4.4)	.140 (3.6)	.142 (3.6)	.050 (1.3)	.060 (1.5)	.080 (2.0)	.040 (1.0)	.125 (3.2
11004	11004-R	11004-B	1	.172 (4.4)	.148 (3.8)	.179 (4.5)	.046 (1.2)	.120 (3.1)	.060 (1.5)	.040 (1.0)	.140 (3.6)
11005	11005-R	11005-B	1	.218 (5.5)	.185 (4.7)	.301 (7.6)	.050 (1.3)	.105 (2.7)	.125 (3.2)	.080 (2.0)	.315 (8.0)
11006	11006-R	11006-B	1	.218 (5.5)	.185 (4.7)	.271 (6.9)	.046 (1.2)	.120 (3.1)	.074 (1.9)	.080 (2.0)	.195 (4.9)
11007	11007-R	11007-B	1	.218 (5.5)	.185 (4.7)	.271 (6.9)	.046 (1.2)	.120 (3.1)	.074 (1.9)	.090 (2.3)	.195 (4.9)
11008	11008-R	11008-B	1	.218 (5.5)	.185 (4.7)	.301 (7.6)	.046 (1.2)	.120 (3.1)	.074 (1.9)	.080 (2.0)	.225 (5.7)
11009	11009-R	11009-B	1	.218 (5.5)	.185 (4.7)	.400 (10.2)	.050 (1.3)	.187 (4.8)	.074 (1.9)	.080 (2.0)	.280 (7.1)
11010	11010-R	11010-B	1	.218 (5.5)	.185 (4.7)	.271 (6.9)	.046 (1.2)	.136 (3.5)	.074 (1.9)	.080 (2.0)	.268 (6.8)
11011	11011-R	11011-B	2	.218 (5.5)	-	.430 (10.9)	-	.150 (3.8)	.050 (1.3)	.080 (2.0)	.200 (5.1)
11012*	11012-R*	11012-B*	2	.218 (5.5)	-	.500 (12.7)	1	.150 (3.8)	.050 (1.3)	.080 (2.0)	.280 (7.1)
11013	11013-R	11013-B	3	.218 (5.5)	.187 (4.8)	.689 (17.5)	.500 (12.7)	.125 (3.2)	.050 (1.3)	.080 (2.0)	.500 (12.7)
11014	11014-R	11014-B	3	.218 (5.5)	.187 (4.8)	.378 (9.6)	.400 (10.2)	.125 (3.2)	.050 (1.3)	.080 (2.0)	.250 (6.4)
11015	11015-R	11015-B	3	.218 (5.5)	.187 (4.8)	.378 (9.6)	.400 (10.2)	.187 (4.7)	.035 (.89)	.080 (2.0)	.250 (6.4)
11016	11016-R	11016-B	3	.218 (5.5)	.187 (4.8)	.378 (9.6)	.500 (12.7)	.125 (3.2)	.050 (1.3)	.080 (2.0)	.250 (6.4)

^{*} Terminal Material: Brass ASTM B16

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Insulator: Thermoplastic, UL Rated 94V-0

Insulator: Thermoplastic, Rated UL 94V-0

Contact: Bronze, Gold Flash over Nickel

Contact Area: Gold Flash over Nickel

Contacts: Copper Alloy

Solder Trails: Tin over Nickel

PLUG SPECIFICATIONS:

Shell: Steel Nickel Plate

USB 2.0 PLUGS & SOCKETS

SOCKET SPECIFICATIONS: ELECTRICAL CHARACTERISTICS Shell: Nickel Plate

Rated Voltage: 30V (RMS)

Contact Current Rating: 1 Amp DC max Contact Resistance: $15 \text{ m}\Omega$ max. Insulation Resistance: $1000 \text{ M}\Omega$ min.

Dielectric Withstanding Voltage: 750V AC for 1 minute

MECHANICAL CHARACTERISTICS

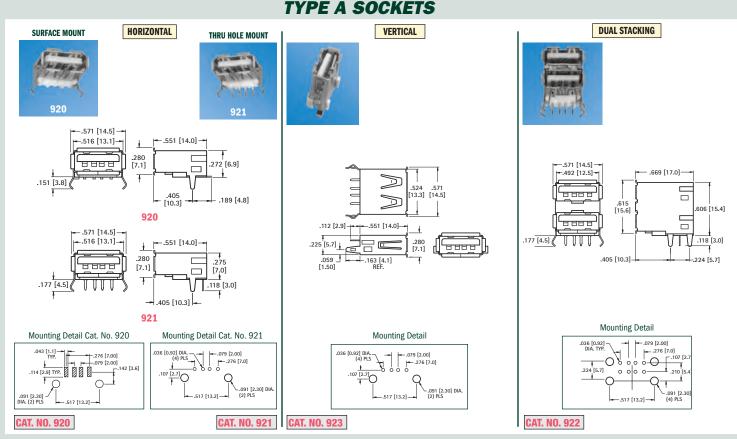
Operating Temperature: -13°F to +176°F (-25°C to 80°C)

Durability: 1500 Cycles min.

DEVICE APPLICATIONS

Ability to daisy chain more than one input device

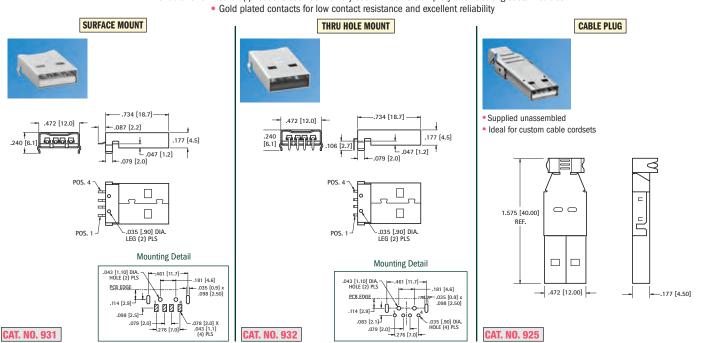
- Memory Sticks
- Mouse/Keyboards
- · Printers/Scanners/Docking Stations
- MP3/Audio Devices
- Digital Video Cameras & Still Cameras
- Portable Media Players
- Gaming Headsets • Smart Phones/PDA's



TYPE A PLUGS

FEATURES

Available for on-board applications such as memory sticks
 Cable clamp style for creating custom cables



Tel (516) 328-7500 • Fax (516) 328-1080



JSB 2.0 PLUGS & SOCKET

USB 2.0 PLUGS & SOCKETS

SOCKET SPECIFICATIONS:

Shell: Nickel Plate

Insulator: Thermoplastic, UL Rated 94V-0

Contacts: Copper Alloy

Contact Area: Gold Flash over Nickel Solder Trails: Tin over Nickel

PLUG SPECIFICATIONS:

Shell: Steel, Nickel Plate Insulator: Thermoplastic, Rated UL 94V-0 Contact: Bronze, Gold Flash over Nickel

ELECTRICAL CHARACTERISTICS

Rated Voltage: 30V (RMS)

Contact Current Rating: 1 Amp DC max. Contact Resistance: $15 \text{ m}\Omega$ max. Insulation Resistance: $1000 \ \text{M}\Omega$ min.

Dielectric Withstanding Voltage: 750V AC for 1 minute

MECHANICAL CHARACTERISTICS

Operating Temperature: -13°F to 176°F ((-25°C to 80°C)

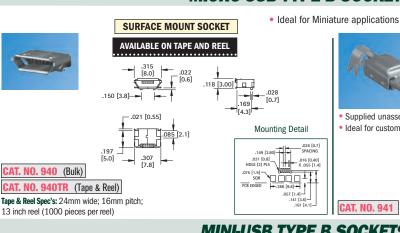
Durability: 1500 Cycles min.

DEVICE APPLICATIONS

Ability to daisy chain more than one input device

- · Memory Sticks
- Mouse/Keyboards
- Printers/Scanners/Docking Stations
- MP3/Audio Devices
- · Digital Video Cameras & Still Cameras
- Portable Media Players
- Gaming Headsets
- Smart Phones/PDA's

MICRO-USB TYPE B SOCKETS/PLUGS

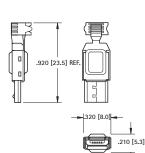


CABLE PLUG

Supplied unassembled

CAT. NO. 941

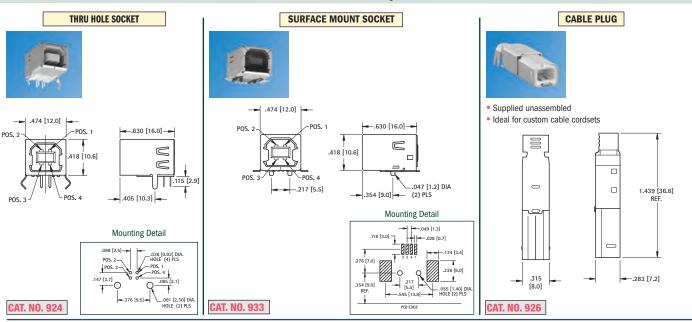
· Ideal for custom cable cordsets



MINI-USB TYPE B SOCKETS/PLUGS



USB TYPE B SOCKETS/PLUGS



Tel (516) 328-7500 • Fax (516) 328-1080 (800) 221-5510 • kec@keyelco.com

KEYSTONE Rohs Compliant - ISO 9001 CERTIFIED



USB 3.0 & 3.1 SOCKETS & PLUGS

ELECTRICAL CHARACTERISTICS:

Rated Voltage: 30V (RMS) Contact Current Rating: 1 Amp DC max Contact Resistance: 15 mW max. Insulation Resistance: 1000 MW min.

Dielectric Withstanding Voltage: 750V AC for 1 minute

MECHANICAL CHARACTERISTICS:

Operating Temperature: -13°F to 176°F (-25°C to 80°C)

Durability: 1500 Cycles min.

USB 3.0 DESIGN ADVANTAGES:

Port Expansion: Alleviates restriction of limited COM Ports and available IRQ's Compatibility: Backward compatible with

USB 2.0 devices

Fast Data Transfer: Up to 4.8 Gbps; 10 times faster than USB 2.0 devices and 200 times faster than serial ports.

USB 3.1 DESIGN ADVANTAGES:

CABLE PLUG

00

Compatibility: Backwards compatible with 2.0 & 3.0

(adaptor required)

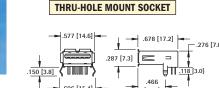
1.433 [36.5]

RFF

Data Rates: Up to 10 Gbps; twice as fast as 3.0. Same connector on both sides of cable. No A & B style.

USB 3.0 TYPE A SOCKET & PLUG

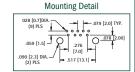




SOCKET SPECIFICATIONS:

Shell: Steel, Nickel Plated Insulator: Thermoplastic, UL Rated 94V-0 Contacts: Phosphor Bronze, Gold Flash over Nickel

CAT. NO. 945



Mounting Detail

.057 [1.4]





Ideal for custom cable cordsets

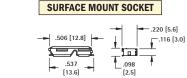
PLUG SPECIFICATIONS: Shell: Steel, Nickel Plated

Insulator: Thermoplastic, UL Rated 94V-0

Contacts: Phosphor Bronze, Gold Flash over Nickel

MICRO-USB 3.0 TYPE B SOCKET & PLUG





THRU-HOLE MOUNT SOCKET

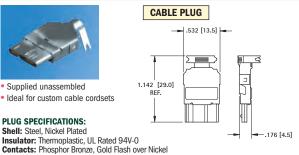
Supplied unassembled

PLUG SPECIFICATIONS:

Shell: Steel. Nickel Plated

CAT. NO. 957

Ideal for custom cable cordsets



.177 [4.50]

SOCKET SPECIFICATIONS:

Shell: Steel, Nickel Plated

Insulator: Thermoplastic, UL Rated 94V-0 Contacts: Phosphor Bronze, Gold Flash over Nickel

CAT. NO. 955

USB 3.0 TYPE B SOCKET & PLUG

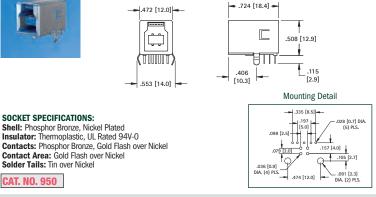
-.053 [1.3]



SOCKET SPECIFICATIONS:

Solder Tails: Tin over Nickel

CAT. NO. 950

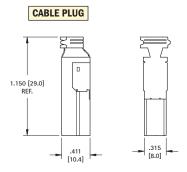


- .384 [9.8] →



Supplied unassembled

· Ideal for custom cable cordsets



PLUG SPECIFICATIONS: Shell: Steel, Nickel Plated

Insulator: Thermoplastic, UL Rated 94V-0

Contacts: Phosphor Bronze, Gold Flash over Nickel

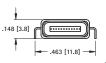
USB 3.1 TYPE C SOCKET & PLUG

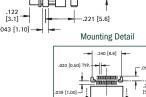


SOCKET SPECIFICATIONS: Shell: Steel, Nickel Plated

Insulator: Thermonlastic, LII, Rated 94V-0

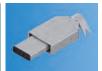
Contacts: Copper, Gold Plate (Flash)





.086 [2.18]

- .463 [11.75] -

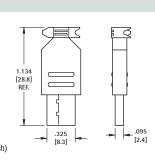


- Supplied unassembled
- Ideal for custom cable cordsets

PLUG SPECIFICATIONS: Shell: Steel Nickel Plated

Insulator: Thermoplastic, UL Rated 94V-0 Contacts: Phosphor Bronze, Gold Plate (Flash)

CAT. NO. 954



Solder Tails: Copper Alloy, Tin Plate CAT. NO. 953

Tel (516) 328-7500 • Fax (516) 328-1080





- Mates with 2.5mm and 3.5mm plugs
- Designed for reliable interface with audio equipment including computer speakers, headphones, sound cards, cell phones, etc.
- Models available for mono and stereo applications
- · Low profile, surface mount design

FOR 2.5 mm PLUGS

SPECIFICATIONS

Housing: LCP, UL Rated 94V-0

Ground Terminal: .012 (.30) Brass, Gold Flash
Spring Contacts: .008 (.20) Phosphor Bronze, Gold Flash

Shunt Terminals: .012 (.30) Brass, Gold Flash

SUPPLIED ON TAPE AND REEL

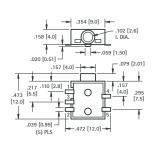
STEREO

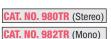
SCHEMATIC

MONO

SCHEMATIC

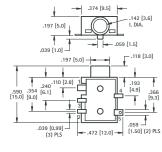
FOR 3.5 mm PLUGS

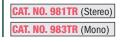


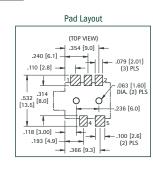


Pad Layout (TOP VIEW) .265 [6.8] .079 [2.01] .180 [4.6] .110 [2.8] -.532 [13.5] .157 [4.0] .295 [7.5]

Tape Spec's: 24mm wide; 16mm pitch Reel Spec's: 15 inch reel (1,000 pieces per reel)







Tape Spec's: 24mm wide; 16mm pitch Reel Spec's: 15 inch reel (800 pieces per reel)

BINDING POSTS

All Keystone binding posts are designed to prevent accidental contact with current carrying parts. They feature a "limited opening" captivated head to insure safety. Ideal for audio circuitry, R.F. circuitry, oscilloscopes, power supplies and various other applications.

These multi-purpose binding posts feature high current rating, captivated heads and anti-rotation stud mounting.

Note: Binding Posts accept .175" (4.5) Banana Plugs, .080" (2.08) Tip Plugs, Spade Lugs, Alligator Clips, Wires and EZ hooks.

MATERIAL:

Stud: Brass per QQ-B-626

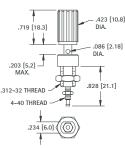
Current Rating: 15 Amps

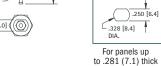
Stud to Panel Capacitance: 3.3 pF Nominal

Plating: Silver Plate

Insulation: Nylon 6/6

STANDARD BINDING POST

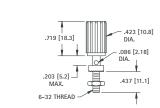




CAT. NO.	COLOR
7004	RED
7005	BLACK

Mounting Detail

UNINSULATED BINDING POST



MATERIAL:

Stud: Brass per 00-B-626 Plating: Nickel Plate Insulation: Nylon 6/6

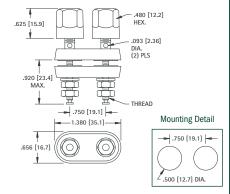
Current Rating: 15 Amps, 1000V AC Working

For panels up to .313 (8.0) thick

CAT. NO.	COLOR
7006	RED
7007	BLACK

STANDARD DUAL HEX HEAD





MATERIAL:

Stud: Brass per ASTM B-16. **Insulation:** Nylon 6/6 Current Rating: 30 Amps. 1000V AC Working

GOLD PLATE		NICK	EL PLATE
CAT.		CAT.	
NO.	THREAD	NO.	THREAD
4108	8-32	7018	8-32
4109	10-32	7019	10-32

STANDARD HEX HEAD



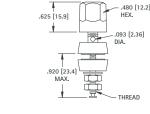
MATERIAL:

Stud: Brass per ASTM B-16.

Current Rating: 30 Amps,

Insulation: Nylon 6/6

1000V AC Working



Mounting Detail		
.500 [12.7] blA		

	GOLD PLA	LD PLATE NICKEL PLATE		\TE	
CAT.			CAT.		
NO.	THREAD	COLOR	NO.	THREAD	COLOR
4096	8-32	RED	4091	8-32	RED
4097	8-32	BLACK	4092	8-32	BLACK
7016	10-32	RED	4093	10-32	RED
7017	10-32	BLACK	4094	10-32	BLACK
7023	10-32	WHITE	4198	10-32	WHITE
7024	10-32	YELLOW	4199	10-32	YELLOW

AUDIO JACKS & BINDING POST

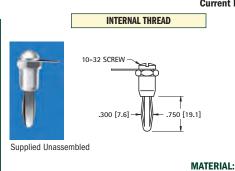
117

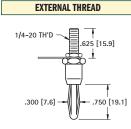
118



LARGE BANANA PLUGS - .300 (7.6)

Current Ratings: Large: (.300) 40 Amps





Supplied Unassembled

CAT. NO. 6075

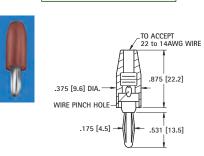
MATERIAL: Spring: Phosphor Bronze Body: Brass, Nickel Plate

STANDARD BANANA PLUGS - .175 (4.5) Current Ratings: Standard: (.175) 15 Amps

Spring: Phosphor Bronze,

Body: Brass, Nickel Plate





MATERIAL:

Spring: Phosphor Bronze Body: Brass, Nickel Plate Handle: Nylon 6/6

CAT. NO.	COLOR
6078	RED
6079	BLACK

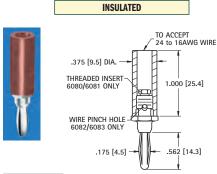
CAT. NO. 6073

SOLDERLESS WITH SET SCREW TO ACCEPT 22 to 14AWG WIRE .375 [9.5] DIA. 2-56 SCREW 1.000 [25.4]

MATERIAL:

Spring: Phosphor Bronze Body: Brass, Nickel Plate Handle: Nylon 6/6

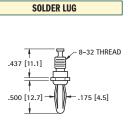
CAT. NO.	COLOR
6084	RED
6085	BLACK



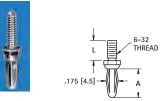
RED	BLACK	
CAT.	CAT.	WIRE
NU.	NU.	CONNECTION
6080	6081	SOLDER
6082	6083	SOLDERLESS

MATERIAL:

Spring: Phosphor Bronze Body: Brass, Nickel Plate Handle: Nylon 6/6



FOUR LEAF SPRING



MATERIAL:

Spring: Beryllium Copper (Cat. No. 653) Spring: Phosphor Bronze (Cat. No. 654, 655)

Body: Brass, Nickel Plate

zeuji zraco, monor riaco		
CAT. NO.	L	Α
653	.500 (12.7)	.437 (11.1)
654	.188 (4.8)	.550 (14.0)
655	.500 (12.7)	.550 (14.0)





MATERIAL:

Spring: Beryllium Copper Body: Brass, Nickel Plate

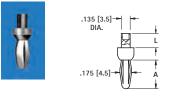
CAT. NO. 657

MATERIAL:

Spring: Beryllium Copper Body: Brass, Nickel Plate

CAT. NO. 652

STANDARD RIVET



MATERIAL:

Four Leaf Spring: Phosphor Bronze Barrel Spring: Beryllium Copper Body: Brass, Nickel Plate

CAT. NO.	L	A	SPRING
552-3	.187 (4.7)	.437 (11.1)	4 leaf
658	.187 (4.7)	.550 (14.0)	barrel
552-4	.218 (5.5)	.437 (11.1)	4 leaf

INTERNAL THREAD



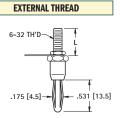


MATERIAL:

Four Leaf Spring: Phosphor Bronze Barrel Spring: Beryllium Copper Body: Brass, Nickel Plate

CAT. NO.	A	SPRING
6072	.531 (13.5)	4 leaf
659	.550 (14.0)	barrel





Supplied Unassembled

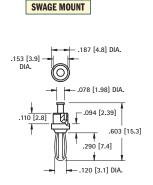
CAT. NO.	L
6074-1	.375 (9.5)
6074-2	750 (19.1)

MATERIAL: Spring: Phosphor Bronze Body: Brass, Nickel Plate



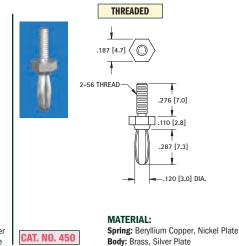


CAT. NO. 452



MATERIAL:

Spring: Beryllium Copper Body: Brass, Silver Plate



-.190 [4.9] DIA. .050 [1.27] DIA. TO ACCEPT .104 [2.7] DIA. WIRE. .440 [11.2] .480 [12.2] .290 [7.4] .120 [3.1] DIA.

SOLDER CONNECTION

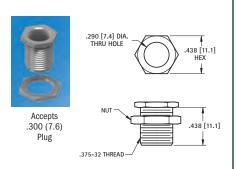
COLOR NO. 6076 RED 6077 BLACK NONE 451

MATERIAL:

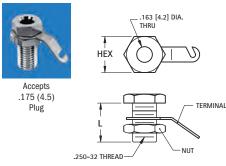
Spring: Beryllium Copper, Nickel Plate Body: Brass, Nickel Plate Handle: Nylon

BANANA JACKS

LARGE BANANA JACK



NON-INSULATED STANDARD JACKS



MATERIAL:

Body: Brass, Nickel Plate Terminal: Brass, Tin Plate

Supplied with nut and lug. Unassembled

CAT. NO.	HEX	L	DESCRIPTION
6095	.375 (9.5)	.406 (10.3)	Resessed head
6096	.312 (7.9)	.500 (12.7)	Narrow Head

Supplied Unassembled

CAT. NO. 6098

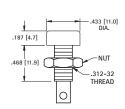
MATERIAL:

Body: Brass, Nickel Plate Terminal: Brass, Tin Plate

FULLY INSULATED STANDARD JACKS







MATERIAL:

Body: Nylon Contact: Brass, Tin Plate

CAT. NO.	COLOR
6091	RED
6092	BLACK



STANDARD

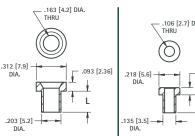
Accepts .175 (4.5) Plug



SWAGE MOUNT

MINIATURE

Accepts .120 (3.0) Plug



MATERIAL:

Brass, Nickel Plate

CAT. NO.	L
575-4	.218 (5.5)
575-6	.265 (6.7)
575-8	.350 (8.9)

.106 [2.7] DIA. THRU .075 [1.91] 1

MATERIAL: Brass. Tin Plate

CAT. NO.	L
476-2	.125 (3.2)
476-3	.165 (4.2)
476-4	.187 (4.7)

INSULATED STANDARD JACKS



.250-28 THREAD

Supplied with hardware Unassembled

CAT. NO.	HEAD Color
6093	RED
6094	BLACK

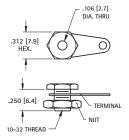
MATERIAL:

Body: Brass, Nickel Plate Terminal: Copper, Tinned Hex Head: Phenolic

MINIATURE BANANA JACK



Accents .120 (3.0) Plug



Supplied with lug and nut. Unassembled

CAT. NO. 6090

MATERIAL:

Body: Brass, Nickel Plate Terminal: Copper, Tinned

Tel (516) 328-7500 • Fax (516) 328-1080





IP68 DUST & WATER RESISTANT 8P8C NETWORK CONNECTORS

These RJ45 plugs and sockets are IP68 rated for underwater, dust and other harsh environments once assembled. Sockets available as direct PC mount, Panel mount or with IDC connection for CAT 5e cables. When not in use covers available to keep socket clean and dry.

ENVIRONMENTAL/ELECTRICAL PROPERTIES:

Ingress Protection: IP68 rated Voltage Rating: 125 VAC RMS Compliance: IEE and IEC Compliant Voltage Rating: 125 VAC RMS Data Rate: 100Base-T (Fast Ethernet)

MECHANICAL PROPERTIES:

Operating Temp: -15°F to 175°F (25°C to 80°C)

Durability: 500 cycles min.

Body: High Temperature Thermoplastic, UL 94V-0

Gasket: Silicon

Contacts: Phosphor Bronze, Gold plated Solder Tails: Phosphor Bronze, Tin Plate

APPLICATIONS:

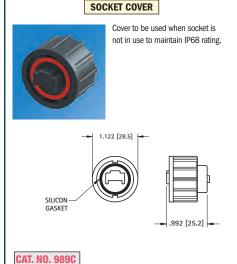
- Utility Grid
- · Outdoor POS (point of Sale)
- · Factory Wash down PLCs
- · Marine Network connections

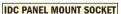


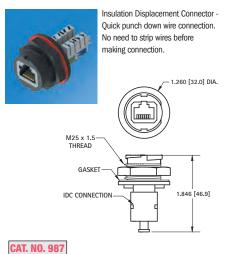


PANEL MOUNT SOCKET

Supplied with 8 pin connector on









CAT. NO. 961H - Patch Cable

THM SOCKET



"F" FEMALE COAXIAL CONNECTOR



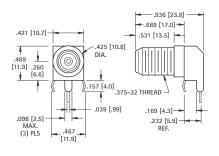
- Low profile
- Snap-fit mounting for positive retention during wave soldering
- Rugged, stable construction facilitates reliable mating

Tel (516) 328-7500 • Fax (516) 328-1080

(800) 221-5510 • kec@keyelco.com

High reliability, manufactured using Nickel Plated Brass bodies and Tin Plated Brass contacts

SNAP-FIT PC MOUNT

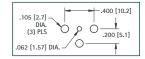


MATERIAL:

Shell: Steel, Tin Plate Body: Brass, Nickel Plate Contacts: Brass, Tin Plate

CAT. NO. 911





Mounting Detail

HERNET/NETWORK JACI

ELECTRICAL CHARACTERISTICS:

Operating Voltage: 125 VAC max. Current Rating: 1.5 Amp max. Contact Resistance: 40m? max. Insulation Resistance: 1,000 M? min

Dielectric Withstanding Voltage: 1,000 VAC for 1 minute

MECHANICAL CHARACTERISTICS:

Durability: 500 Cycles

Operating Temperature: -40 $^{\circ}$ F to 185 $^{\circ}$ F (-20 $^{\circ}$ C to 75 $^{\circ}$ C)

Packaging: Anti-ESD plastic trays

APPLICATIONS:

- Network Equipment
- Modem
- Hub
- Switch Router
- Gateway
- Repeater
- Bridge
- PC motherboard
- · Laptops & Notebooks

· Allows connector to board perpendicular to PC board

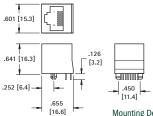
SOCKET SPECIFICATIONS:

Body: PBT UL 94V-0- Black

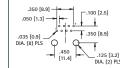
Contacts: Phosphor Bronze, Gold Plate (Flash) Solder Tails: Phosphor Bronze, Tin Plate

CAT. NO. 949





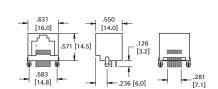




HORIZONTAL ENTRY



 Small PC footprint ideal for high density applications

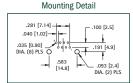


SOCKET SPECIFICATIONS

Body: PBT UL 94V-0- Black

Contacts: Phosphor Bronze, Gold Plate (Flash) Solder Tails: Phosphor Bronze, Tin Plate

CAT. NO. 942

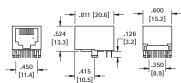


Extra long connector extends past PC board for access to port thru case

THM-EXTENDED

SMT-LOW PROFLE

720 [18.3]



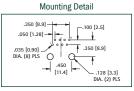
SOCKET SPECIFICATIONS

Body: PBT UL 94V-0- Black

Contacts: Phosphor Bronze, Gold Plate (Flash)

Solder Tails: Phosphor Bronze, Tin Plate

CAT. NO. 948



.350 [8.9]

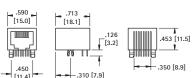
tuun

 Low Height ideal for compact designs

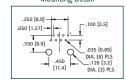


THM-LOW PROFILE

THM-COMPACT



Mounting Detail



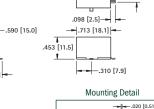


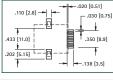
SOCKET SPECIFICATIONS:

Body: PBT UL 94V-0- Black

Contacts: Phosphor Bronze, Gold Plate (Flash) Solder Tails: Phosphor Bronze, Nickel Plate

CAT. NO. 944





SOCKET SPECIFICATIONS: Body: PBT UL 94V-0- Black

Contacts: Phosphor Bronze, Gold Plate (Flash) Solder Tails: Phosphor Bronze, Tin Plate

CAT. NO. 943

KEYSTONE JACKS (RJ45 8P8C)



- Front Back
- · Color Coded for easy assembly
- · Toolless punch down design

SOCKET SPECIFICATIONS:

Body: PC UL 94V-0

Contacts: Phosphor Bronze, Gold Plate (Flash) IDC Contacts: Phosphor Bronze, Nickel Plate Accepts #24-26 AWG wire

CAT. NO. 946



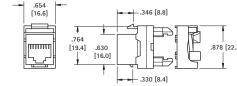
- Fold back shield/ground. 2. Attach wires to cover following the color
- coding markings.

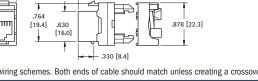


3. Align cover to module. Be sure to align polarity tab.



- 4. Twist locking mechanism to punch down the wires and lock the cover onto the module.
- 5. Trim extra wire from housing. Ready to be installed into panel







*Color coding for both T568A/T568B wiring schemes. Both ends of cable should match unless creating a crossover cable.

122

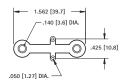


TRANSISTOR MOUNTS

Molded Transistor Mounts provide all of the necessary bushings and insulators to quicky mount power transistors.



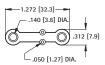
For TO-3 CASES



MATERIAL: Nylon 6/6 - 94V-2

CAT. NO. 4616

For TO-66 CASES



MATERIAL:

Nylon 6/6 - 94V-2

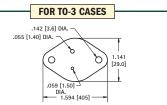
CAT. NO. 4617

TRANSISTOR INSULATORS

Mica Insulators provide good thermal conductivity and superior electrical insulation.

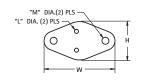
SPECIFICATIONS:

Material: .003 (.08) Natural Mica Thermal Conductivity: .71 W/(m K) Dielectric Constant: 7 @ 1000 Khz



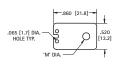
CAT. NO. 4662

FOR TO-3 CASES



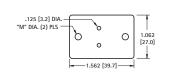
CAT. NO.	Н	W	M Dia.	L Dia.
4651	1.093 (27.8)	1.625 (41.3)	.166 (4.2)	.093 (2.4)
		1.655 (42.1)		` '
4636	1.063 (27.0)	1.655 (42.1)	.166 (4.2)	.052 (1.3)

FOR TO-220 CASE (3-PIN)



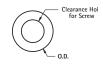
CAT. NO.	M	LEADS
4671	.141 (3.6)	2
4672	.141 (3.6)	3
4673	.115 (2.9)	3

FOR TO-3 CASES



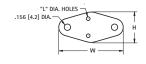
CAT. NO. 4661

FOR THREADED STUD TRANSISTORS



CAT. NO.	OD	Screw
4678	.375 (9.5)	4
4679	.375 (9.5)	6
4680	.500 (12.7)	8
4681	.625 (15.9)	10
4682	.750 (19.0)	1/4

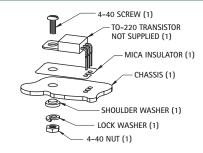
FOR TO-66 CASES



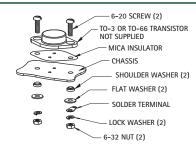
CAT. NO.	Н	W
4664	.750 (19.1)	1.500 (38.1)
4666	.780 (19.9)	1.375 (34.9)

TRANSISTOR MOUNTING KITS

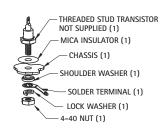
- Each kit provides everything needed to mount, isolate and connect to power transistors
- · Transistor not included
- · See diagrams below for complete list of items included



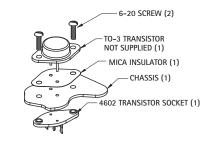
CAT. NO. 4724 - TO-220 Complete Mtg Kit



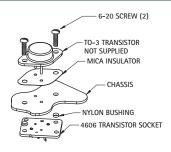
CAT. NO. 4725 - TO-3 Complete Mtg Kit



CAT. NO. 4729 – DO-4, TO-60, TO-62 Complete Mtg Kit **CAT. NO. 4730** – DO-5, TO-48, TO-61 Complete Mtg Kit



CAT. NO. 4732 - TO-3 Complete Mtg Kit



CAT. NO. 4734 - TO-3 Complete Mtg Kit

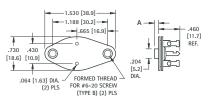
MATERIAL:

Base: Phenolic, Grade PBE, Type XP Contacts: Brass, Tin Plate

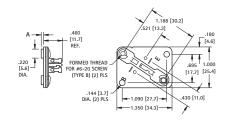
Top Plate: Nylon, ASTM-D4066 Phenolic, Grade PBE, Type XP (Cat. No. 4606 only)

Collector Plate: Steel, Tin Plate





CAT. NO.	A DIM.	
4603	.030 (.76)	
4602	.045 (1.14)	
4601	.090 (2.29)	



CAT. NO.	A DIM.
4606	NONE
4608	.045 (1.14)

PC MOUNT

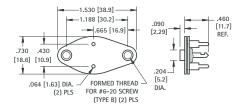


MATERIAL:

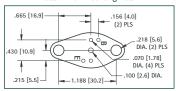
Top Plate: Molded Nylon Base: Phenolic Contacts: Brass. Tin Plate

Collector Plate: Steel, Tin Plate

CAT. NO. 4600



Bottom View Mounting Detail

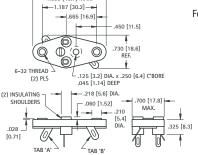


HEAVY DUTY SOCKET FOR TO-3 CASE

CHOICE OF SINGLE OR DUAL COLLECTOR SOLDER TABS

Features an all-in-one mounting plate and solder tabs, providing complete electrical isolation of the solder tab connections. Rated 5 Amps DC continuous and 15 Amps DC Intermittent





1.600 [40.7] MAX.-

MATERIAL:

Base: PBT, UL Rated 94V-0 Contacts: Brass. Tin Plate Collector Plate: Brass, Tin Plate

With trans	istor lead-in
insulating	shoulders

CAT. NO.	WITH TAB
4513	"A" ONLY
4514	"A" & "B"

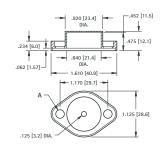
Less transistor lead-in	
insulating shoulders	
mountaing onounders	

CAT. NO.	WITH TAB
4515	"A" ONLY
4516	"A" & "B"

NYLON TO-3 CASE COVERS

Molded nylon covers easily mount over and insulate the power transistor. Will withstand temperatures to approximately 250°F (121°C).





MATERIAL: Nylon 6/6, UL Rated 94V-2

CAT NO	FOR	EYELETS INSTALLED	Λ
4632	T0-3	NONE	.210 (5.3)
4634	T0-3	TWO	.140 (3.6)

SOCKETS FOR T0-5 & T0-100



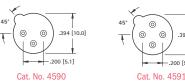
Fully molded compact construction. Speeds transistor assembly. Incorporates ultra high quality, closed entry, sleeve type contacts. Accepts .016 (.41) to .020 (.51) diameter leads or .010 (.25) × .018 (.46) rectangular transistor leads.

MATERIAL:

Insulator: Glass Filled Polyester, UL Rated 94V-0 Contact Pin: Brass, Tin-Lead Plate

(Non-RoHS Compliant)

Contact Spring: Beryllium Copper, .000030 min. Gold Plate



4591	T0-5	4
4592	T0-5	8
4593	T0-100	8
4594	T0-100	10

FOR PINS

T0-5 3



Tel (516) 328-7500 • Fax (516) 328-1080

(800) 221-5510 • kec@keyelco.com

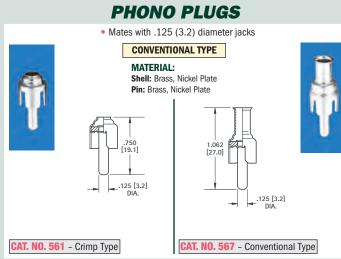


-.200 [5.1]

394 [10.0]

0-3 POWER TRANSISTOR SOCKET & ACCESSORIES





PANEL MOUNT PHONO JACKS



Mates with .125 (3.2) dia. pin

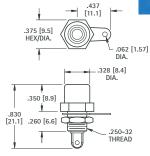
• Mounts to panel in .296 (7.6) dia. hole

 Color coded for ease of identification · Complete with nut and solder lug



MATERIAL: Brass, Nickel Plate

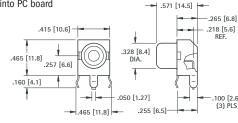
HEX Base		ROUND Base
CAT. NO.	INSULATOR Color	CAT. NO.
581	WHITE	598
582	RED	580
576	BLACK	574
583	YELLOW	599



SNAP-FIT 90° P.C. PHONO JACKS

CHOICE OF TIN OR GOLD PLATE

- · Complete one piece jack for insertion into PC board Time Saving
 - No Wiring Required · Snap-fits into PC board





-.400 [10.2]

.200 [5.1]

Mounting Detail

.105 [2.7] · DIA. (3) PLS

.062 [1.57] DIA.

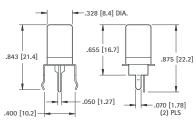
MATERIAL: Shell: Steel

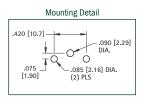
Contact: Brass Plating: Tin or Gold Plate

CAT. NO.	COLOR	CAT. NO.
587	WHITE	936
588	RED	937
901	BLACK	900
589	YELLOW	938

SNAP-FIT VERTICAL P.C. PHONO JACKS

- Extra long, one piece shell to accept plugs with longer pinsfor greater contact
- · Snaps into holes on PC board and firmly held for soldering
- No staking required





SCHEMATIC

-04

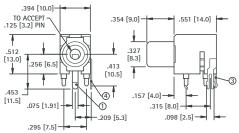
MATERIAL:

Shell: Steel, Nickel Plate Contact: Brass, Tin Plate

CAT. NO.	INSULATOR COLOR
584	WHITE
577	RED
585	BLACK
586	YELLOW

COLOR KEYED - P.C. PHONO JACKS

 Mates with .125 (3.2) diameter pins
 Features a normally closed circuit · Snap-fit mounting for positive retention during wave soldering Various colors for circuit identification

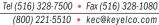


.394 [10.0]	1
TO ACCEPT \ .125 [3.2] PIN	.354 [9.0]551 [14.0]
.512 [13.0] .256 [6.5] .453 [11.5] .075 [1.91] .295 [7.5]	327 (8.3) (10.5) (1

SPECIFICATIONS

Housing: PBT Ground Terminal: .020 (.51) Brass, Nickel Plate

Spring Contact: .012 (.30) Phosphor Bronze, Silver Plate **Shunt Terminal:** .016 (.41) Brass, Silver Plate



INSULATOR

COLOR

WHITE

RED

BLACK

YELLOW

971