

# MICRO JACKS



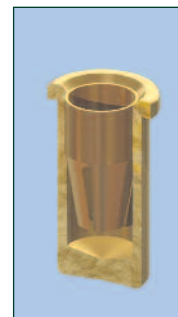
- Space saving design for high density packaging
- Beryllium Copper multi-spring contact maintains retention after multiple insertions
- Ideal for mounting transistors, resistors, diodes, IC's and similar miniature components
- Custom micro jacks manufactured to your specifications
- Other platings available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

## SPECIFICATIONS

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

## Plating:

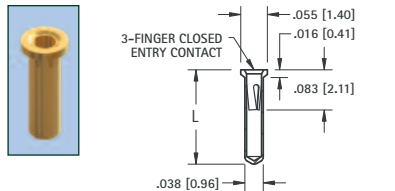
**Gold:** .000005 per MIL-G-45204  
**RoHS** (RoHS Compliant)  
**Tin/Lead:** .000200 to .000300 per MIL-T-10727, Type 1  
**RoHS** (Non-RoHS Compliant)



## PLATING OPTIONS

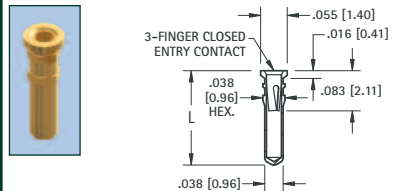
PLATING	BODY	CONTACT SPRING	RoHS
Gold/Gold	Gold	Gold	Compliant
Tin/Tin	Tin/Lead	Tin/Lead	Non-Compliant
Tin/Gold	Tin/Lead	Gold	

### .015 (.38) - .021 (.53) PIN - SOLDER MOUNT



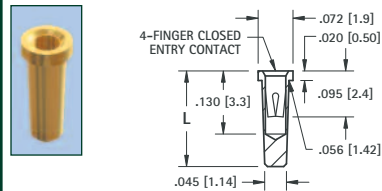
RoHS	NON-RoHS		L Length	Mtg. Hole Dia.
GOLD/GOLD	TIN/TIN	TIN/GOLD		
<b>CAT. NO.</b>	<b>CAT. NO.</b>	<b>CAT. NO.</b>		
1411-1	1431-1	1420-1	.140 (3.6)	.042
1411-2	1431-2	1420-2	.170 (4.3)	(1.07)

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



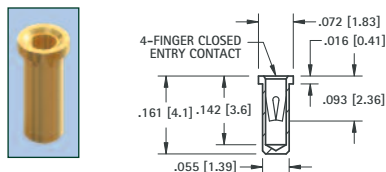
RoHS	NON-RoHS		L Length	Mtg. Hole Dia.
GOLD/GOLD	TIN/TIN	TIN/GOLD		
<b>CAT. NO.</b>	<b>CAT. NO.</b>	<b>CAT. NO.</b>		
1412-1	1432-1	1468-1	.140 (3.6)	.040
1412-2	1432-2	1468-2	.170 (4.3)	(1.02)
1412-3	1432-3	1468-3	.282 (7.2)	

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



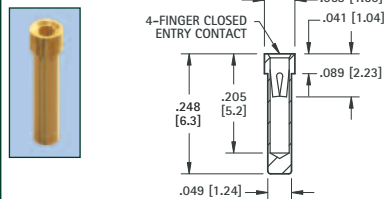
RoHS	NON-RoHS		L Length	Mtg. Hole Dia.
GOLD/GOLD	TIN/TIN	TIN/GOLD		
<b>CAT. NO.</b>	<b>CAT. NO.</b>	<b>CAT. NO.</b>		
1415-1	1435-1	1469-1	.160 (4.1)	.055
1415-2	1435-2	1469-2	.190 (4.8)	(1.40)

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



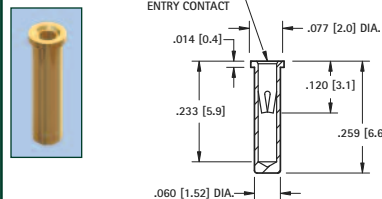
RoHS	NON-RoHS		L Length	Mtg. Hole Dia.
GOLD/GOLD	TIN/TIN	TIN/GOLD		
<b>CAT. NO.</b>	<b>CAT. NO.</b>	<b>CAT. NO.</b>		
1413	1433	1470	.059 (1.50)	

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



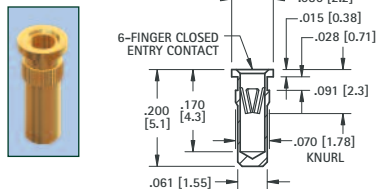
RoHS	NON-RoHS		L Length	Mtg. Hole Dia.
GOLD/GOLD	TIN/TIN	TIN/GOLD		
<b>CAT. NO.</b>	<b>CAT. NO.</b>	<b>CAT. NO.</b>		
1603	1606	1607	.052 (1.32)	

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



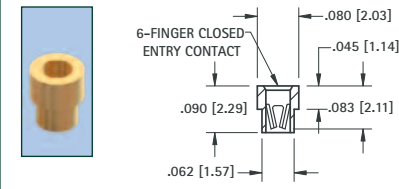
RoHS	NON-RoHS		L Length	Mtg. Hole Dia.
GOLD/GOLD	TIN/TIN	TIN/GOLD		
<b>CAT. NO.</b>	<b>CAT. NO.</b>	<b>CAT. NO.</b>		
1693	1694	1695	.063 (1.60)	

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



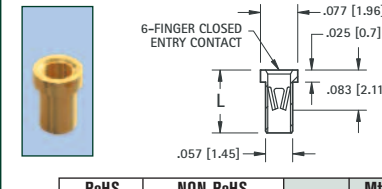
RoHS	NON-RoHS		L Length	Mtg. Hole Dia.
GOLD/GOLD	TIN/TIN	TIN/GOLD		
<b>CAT. NO.</b>	<b>CAT. NO.</b>	<b>CAT. NO.</b>		
1416	1436	1471	.067 (1.70)	

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



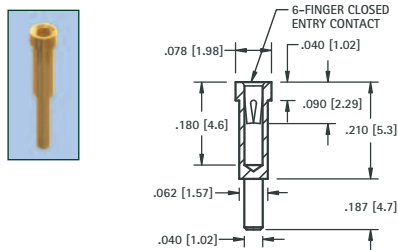
RoHS	NON-RoHS		L Length	Mtg. Hole Dia.
GOLD/GOLD	TIN/TIN	TIN/GOLD		
<b>CAT. NO.</b>	<b>CAT. NO.</b>	<b>CAT. NO.</b>		
1658	1659	1673	.065 (1.65)	

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



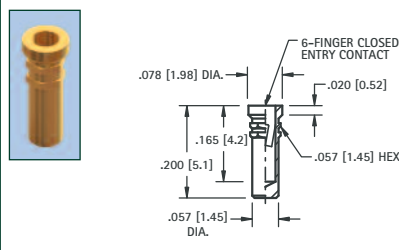
RoHS	NON-RoHS		L Length	Mtg. Hole Dia.
GOLD/GOLD	TIN/TIN	TIN/GOLD		
<b>CAT. NO.</b>	<b>CAT. NO.</b>	<b>CAT. NO.</b>		
1626-1	1614-1	1619-1	.095 (2.4)	.062
1626-2	1614-2	1619-2	.105 (2.7)	(1.57)
1626-3	1614-3	1619-3	.155 (3.9)	

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



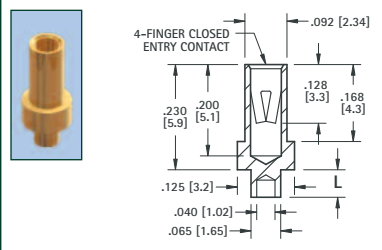
RoHS	NON-RoHS		L Length	Mtg. Hole Dia.
GOLD/GOLD	TIN/TIN	TIN/GOLD		
<b>CAT. NO.</b>	<b>CAT. NO.</b>	<b>CAT. NO.</b>		
3590	3591	3592	.065 (1.65)	

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



RoHS	NON-RoHS		L Length	Mtg. Hole Dia.
GOLD/GOLD	TIN/TIN	TIN/GOLD		
<b>CAT. NO.</b>	<b>CAT. NO.</b>	<b>CAT. NO.</b>		
1697	1698	1699	.063 (1.60)	

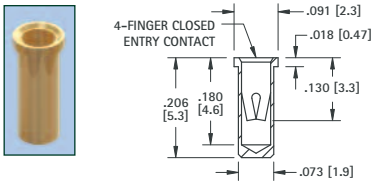
### .032 (.81) - .046 (1.17) PIN - SWAGE MOUNT



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

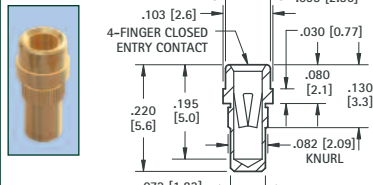
# MICRO JACKS

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



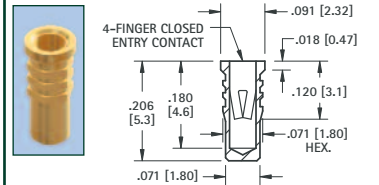
RoHS	NON-RoHS		Mtg. Hole Dia.
GOLD/GOLD	TIN/TIN	TIN/GOLD	
CAT. NO.	CAT. NO.	CAT. NO.	
1417	1437	1479	.076 (1.93)

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



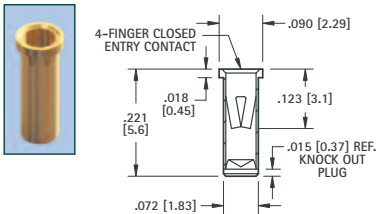
RoHS	NON-RoHS		Mtg. Hole Dia.
GOLD/GOLD	TIN/TIN	TIN/GOLD	
CAT. NO.	CAT. NO.	CAT. NO.	
1443	1446	1473	.078 (1.98)

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



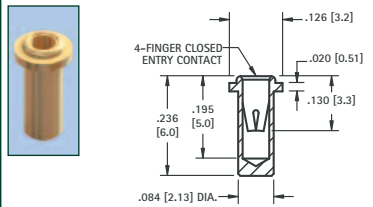
RoHS	NON-RoHS		Mtg. Hole Dia.
GOLD/GOLD	TIN/TIN	TIN/GOLD	
CAT. NO.	CAT. NO.	CAT. NO.	
1442	1445	1486	.079 (2.0)

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



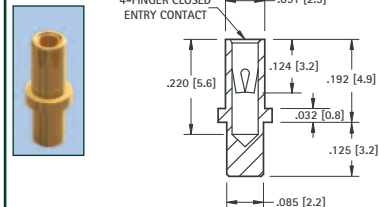
RoHS	NON-RoHS		Mtg. Hole Dia.
GOLD/GOLD	TIN/TIN	TIN/GOLD	
CAT. NO.	CAT. NO.	CAT. NO.	
1441	1444	1488	.076 (1.93)

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



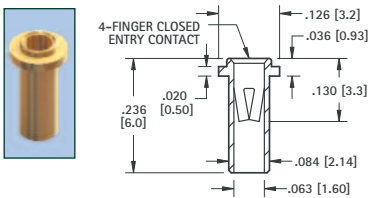
RoHS	NON-RoHS		Mtg. Hole Dia.
GOLD/GOLD	TIN/TIN	TIN/GOLD	
CAT. NO.	CAT. NO.	CAT. NO.	
1674	1675	1676	.087 (2.21)

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



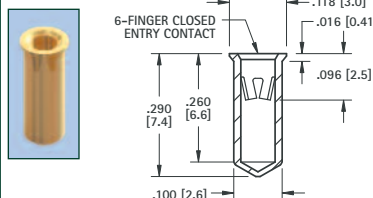
RoHS	NON-RoHS		Mtg. Hole Dia.
GOLD/GOLD	TIN/TIN	TIN/GOLD	
CAT. NO.	CAT. NO.	CAT. NO.	
1677	1678	1679	.089 (2.26)

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



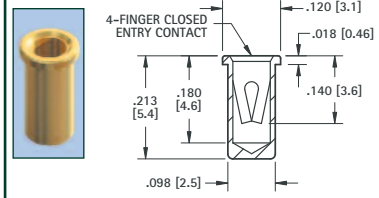
RoHS	NON-RoHS		Mtg. Hole Dia.
GOLD/GOLD	TIN/TIN	TIN/GOLD	
CAT. NO.	CAT. NO.	CAT. NO.	
1414	1434	1496	.089 (2.26)

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



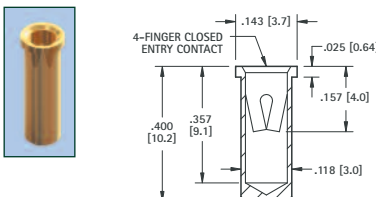
RoHS	NON-RoHS		Mtg. Hole Dia.
GOLD/GOLD	TIN/TIN	TIN/GOLD	
CAT. NO.	CAT. NO.	CAT. NO.	
1418	1438	1497	.104 (2.6)

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



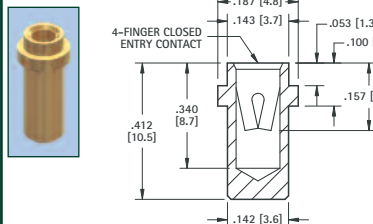
RoHS	NON-RoHS		Mtg. Hole Dia.
GOLD/GOLD	TIN/TIN	TIN/GOLD	
CAT. NO.	CAT. NO.	CAT. NO.	
1682	1683	1684	.102 (2.6)

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



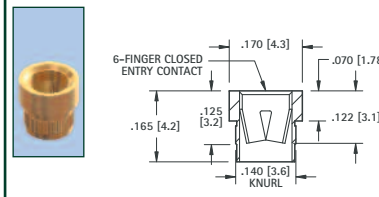
RoHS	NON-RoHS		Mtg. Hole Dia.
GOLD/GOLD	TIN/TIN	TIN/GOLD	
CAT. NO.	CAT. NO.	CAT. NO.	
1641A	1641B	1641C	.122 (3.1)

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



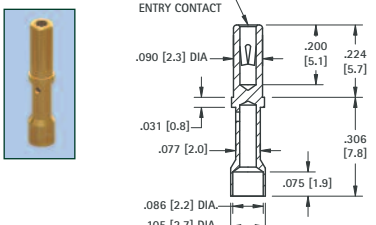
RoHS	NON-RoHS		Mtg. Hole Dia.
GOLD/GOLD	TIN/TIN	TIN/GOLD	
CAT. NO.	CAT. NO.	CAT. NO.	
1687	1688	1689	.146 (3.7)

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



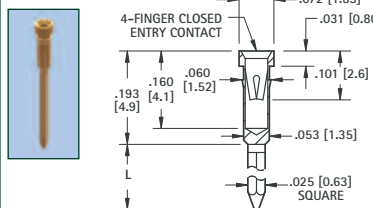
RoHS	NON-RoHS		Mtg. Hole Dia.
GOLD/GOLD	TIN/TIN	TIN/GOLD	
CAT. NO.	CAT. NO.	CAT. NO.	
1640A	1640B	1640C	.138 (3.5)

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

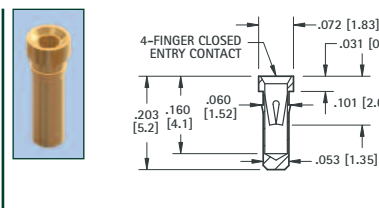


RoHS	NON-RoHS		Mtg. Hole Dia.
GOLD/GOLD	TIN/TIN	TIN/GOLD	
CAT. NO.	CAT. NO.	CAT. NO.	
3593	3594	3595	

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



RoHS	NON-RoHS		L Length	Mtg. Hole Dia.
GOLD/GOLD	TIN/TIN	TIN/GOLD		
CAT. NO.	CAT. NO.	CAT. NO.		
3501	3505	3504	.360 (9.2)	.057
3502	3506	3508	.510 (13.0)	(1.45)



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

# 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)

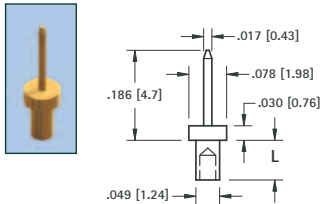
## DASH NUMBERS (L Dimension)

- 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

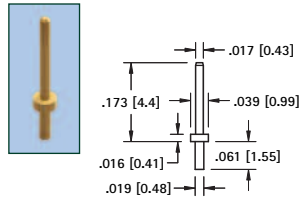


### .017 (.43) PIN - SWAGE MOUNT



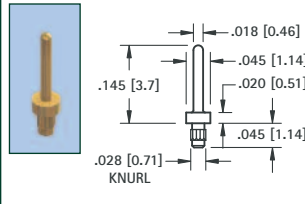
GOLD CAT. NO.	TIN CAT. NO.	L Length	Mtg. Hole Dia.
1967-1	1968-1	.051 (1.3)	.052 (1.32)
1967-2	1968-2	.082 (2.0)	(1.32)

### .017 (.43) PIN - SOLDER MOUNT



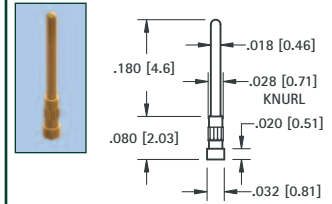
GOLD CAT. NO.	TIN CAT. NO.	Mtg. Hole Dia.
1378-1	1379-1	.022 (.56)

### .018 (.46) PIN - PRESS-FIT



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

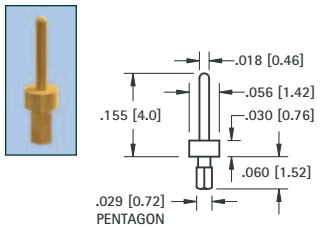
### .018 (.46) PIN - PRESS-FIT



**MATERIAL:** Phosphor Bronze

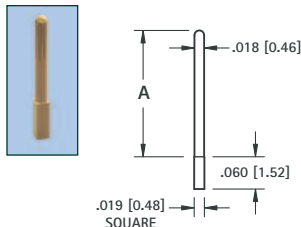
GOLD CAT. NO.	TIN CAT. NO.	Mtg. Hole Dia.
1990-2	1991-2	.026 (.66)

### .018 (.46) PIN - PRESS-FIT



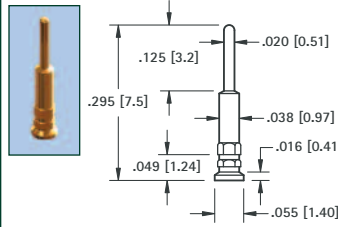
GOLD CAT. NO.	TIN CAT. NO.	Mtg. Hole Dia.
1988-2	1989-2	.026 (.66)

### .018 (.46) PIN - PRESS-FIT



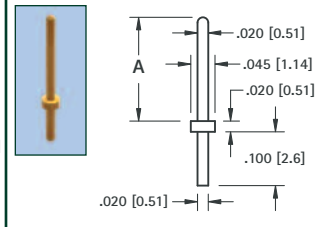
GOLD CAT. NO.	TIN CAT. NO.	A Dim.	Mtg. Hole Dia.
1992-2	1994-2	.243 (6.2)	.022 (.56)
1993-2	1995-2	.140 (3.6)	(.56)

### .020 (.51) PIN - PRESS-FIT



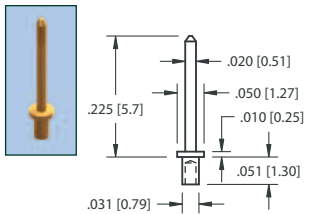
GOLD CAT. NO.	TIN CAT. NO.	Mtg. Hole Dia.
1996-2	1997-2	.040 (1.01)

### .020 (.51) PIN - SOLDER MOUNT



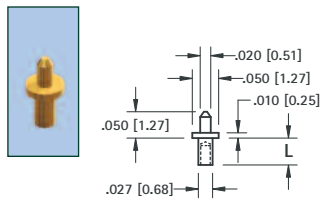
GOLD CAT. NO.	TIN CAT. NO.	A Dim.	Mtg. Hole Dia.
1998-3	2000-3	.250 (6.4)	.024 (.61)
1999-3	2001-3	.425 (10.8)	(.61)

### .020 (.51) PIN - SWAGE MOUNT



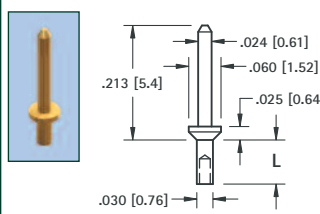
GOLD CAT. NO.	TIN CAT. NO.	Mtg. Hole Dia.
1366-1	1367-1	.035 (.89)

### .020 (.51) PIN - SWAGE MOUNT



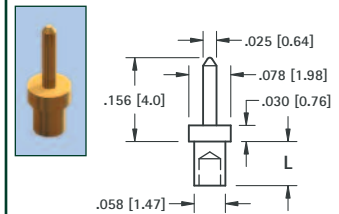
GOLD CAT. NO.	TIN CAT. NO.	L Length	Mtg. Hole Dia.
1372-1	1373-1	.051 (1.3)	.031 (.78)
1372-2	1373-2	.082 (2.1)	(.78)

### .024 (.61) PIN - SWAGE MOUNT



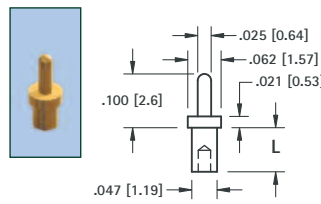
GOLD CAT. NO.	TIN CAT. NO.	L Length	Mtg. Hole Dia.
1406-1	1426-1	.047 (1.2)	.035 (.89)
1406-2	1426-2	.078 (1.9)	(.89)

### .025 (.64) PIN - SWAGE MOUNT



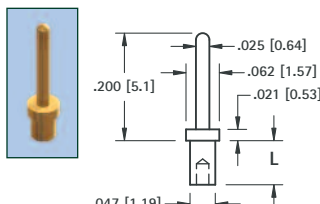
GOLD CAT. NO.	TIN CAT. NO.	L Length	Mtg. Hole Dia.
1408-1	1428-1	.062 (1.6)	.062 (1.57)
1408-2	1428-2	.094 (2.4)	(1.57)

### .025 (.64) PIN - SWAGE MOUNT



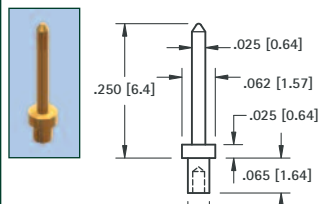
GOLD CAT. NO.	TIN CAT. NO.	L Length	Mtg. Hole Dia.
1404-1	1424-1	.051 (1.3)	.052 (1.32)
1404-2	1424-2	.082 (2.1)	(1.32)

### .025 (.64) PIN - SWAGE MOUNT



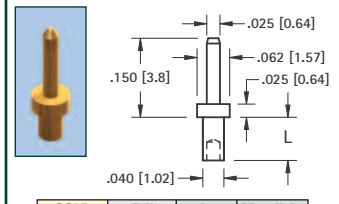
GOLD CAT. NO.	TIN CAT. NO.	L Length	Mtg. Hole Dia.
1407-1	1427-1	.051 (1.3)	.052 (1.32)
1407-2	1427-2	.082 (2.1)	(1.32)

### .025 (.64) PIN - SWAGE MOUNT



GOLD CAT. NO.	TIN CAT. NO.	Mtg. Hole Dia.
1401-1	1421-1	.043 (1.09)

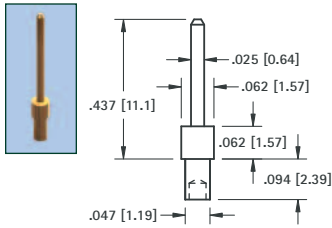
### .025 (.64) PIN - SWAGE MOUNT



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

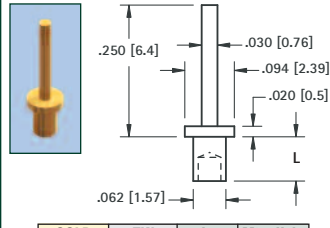
# MICRO PINS

**.025 (.64) PIN - SWAGE MOUNT**



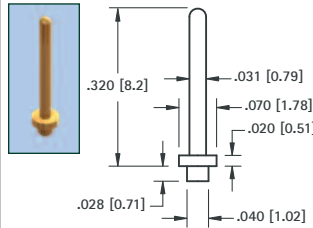
GOLD CAT. NO.	TIN CAT. NO.	Mtg. Hole Dia.
1370-2	1371-2	.052 (1.32)

**.030 (.76) PIN - SWAGE MOUNT**



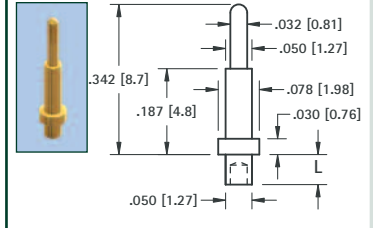
GOLD CAT. NO.	TIN CAT. NO.	L Length	Mtg. Hole Dia.
1374-1	1375-1	.051 (1.3)	.067 (1.70)
1374-2	1375-2	.082 (2.1)	
1374-3	1375-3	.113 (2.9)	

**.031 (.79) PIN - SOLDER MOUNT**



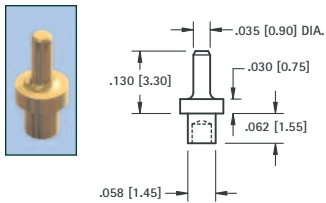
GOLD CAT. NO.	TIN CAT. NO.	Mtg. Hole Dia.
1352-1	1353-1	.043 (1.09)

**.032 (.81) PIN - SWAGE MOUNT**



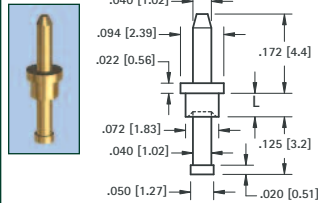
GOLD CAT. NO.	TIN CAT. NO.	L Length	Mtg. Hole Dia.
1354-1	1355-1	.051 (1.3)	.052 (1.32)
1354-2	1355-2	.082 (2.1)	(1.32)

**.035 (.90) PIN - SWAGE MOUNT**



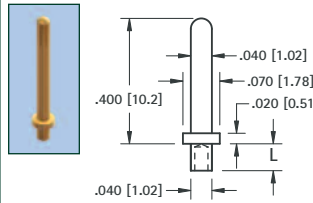
GOLD CAT. NO.	TIN CAT. NO.	Mtg. Hole Dia.
1380-1	1381-1	.062 (1.57)

**.040 (1.0) PIN - SWAGE MOUNT**



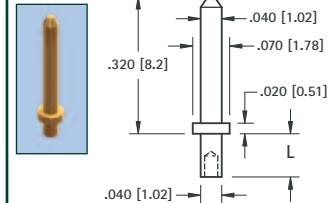
GOLD CAT. NO.	TIN CAT. NO.	L Length	Mtg. Hole Dia.
1356-1	1357-1	.051 (1.3)	.076 (1.93)
1356-2	1357-2	.082 (2.1)	
1356-3	1357-3	.113 (2.9)	

**.040 (1.0) PIN - SWAGE MOUNT**



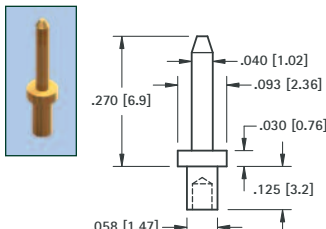
GOLD CAT. NO.	TIN CAT. NO.	L Length	Mtg. Hole Dia.
1358-1	1359-1	.051 (1.3)	.043 (1.09)
1358-2	1359-2	.082 (2.1)	

**.040 (1.0) PIN - SWAGE MOUNT**



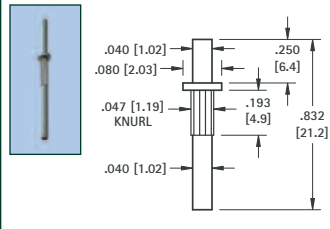
GOLD CAT. NO.	TIN CAT. NO.	L Length	Mtg. Hole Dia.
1405-1	1425-1	.051 (1.3)	.043 (1.09)
1405-2	1425-2	.082 (2.1)	
1405-3	1425-3	.113 (2.9)	

**.040 (1.0) PIN - SWAGE MOUNT**



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

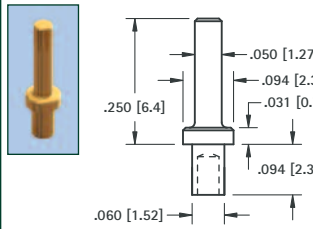
**.040 (1.0) KAY PIN - PRESS-FIT**



**MATERIAL:**  
Solid Nickel Silver

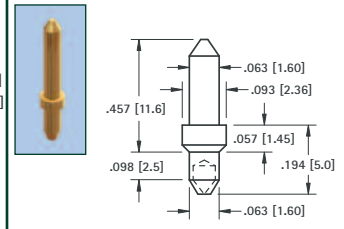
GOLD CAT. NO.	Mtg. Hole Dia.
1218	.043 (1.09) Dia.

**.050 (1.3) PIN - SWAGE MOUNT**



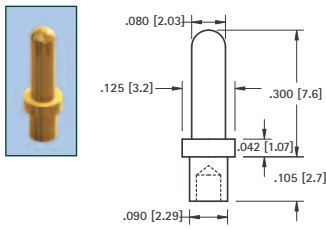
GOLD CAT. NO.	TIN CAT. NO.	Mtg. Hole Dia.
1360-2	1361-2	.064 (1.63)

**.063 (1.6) PIN - SWAGE MOUNT**



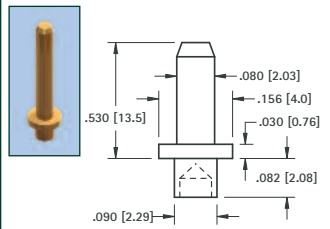
GOLD CAT. NO.	TIN CAT. NO.	Mtg. Hole Dia.
1362-2	1363-2	.067 (1.70)

**.080 (2.0) PIN - SWAGE MOUNT**



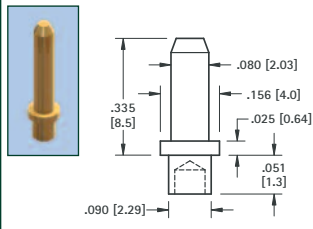
GOLD CAT. NO.	TIN CAT. NO.	Mtg. Hole Dia.
1376-2	1377-2	.094 (2.38)

**.080 (2.0) PIN - SWAGE MOUNT**



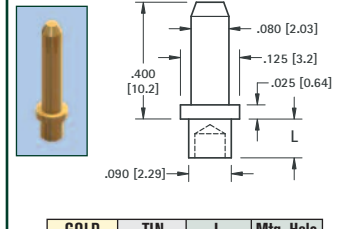
GOLD CAT. NO.	TIN CAT. NO.	Mtg. Hole Dia.
1364-2	1365-2	.094 (2.38)

**.080 (2.0) PIN - SWAGE MOUNT**



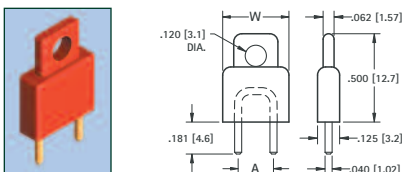
GOLD CAT. NO.	TIN CAT. NO.	Mtg. Hole Dia.
1447-1	1455-1	.094 (2.38)

**.080 (2.0) PIN - SWAGE MOUNT**



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

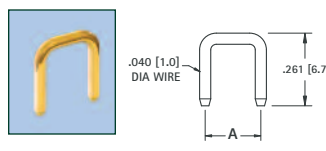
**INSULATED SHORTING PLUG**



BLUE CAT. NO.	RED CAT. NO.	BLACK CAT. NO.	A Dim.	W Dim.
1460L	1460R	1460B	.200 (5.1)	.375 (9.5)
1461L	1461R	1461B	.250 (6.4)	.375 (9.5)
1462L	1462R	1462B	.400 (10.2)	.620 (15.7)
1463L	1463R	1463B	.500 (12.7)	.620 (15.7)

**MATERIAL:**  
Insulator: Polypropylene  
Blue, Red or Black  
Pin: Brass, Gold Plate

**.040 (1.0) PINS**

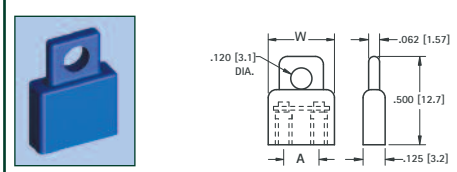


Non-insulated CAT. NO.	A Dim.
1430-1	.200 (5.1)
1430-2	.250 (6.4)
1430-4	.400 (10.2)
1430-5	.500 (12.7)

**MATERIAL:**  
Pin: Brass, Gold Plate

**SHORTING PIN**

**INSULATED SHORTING JACK**



• For .040 (1.0) Pins

BLUE CAT. NO.	RED CAT. NO.	BLACK CAT. NO.	A Dim.	W Dim.
1487L	1487R	1487B	.200 (5.1)	.375 (9.5)
1400L	1400R	1400B	.400 (10.2)	.620 (15.7)

**MATERIAL:**  
Insulator: Polypropylene  
Blue, Red or Black  
Spring: Beryllium Copper, Gold Plate