



SC-1P4-GG



SC-8P1-GT

**SC, T SERIES**

# MACHINED TERMINALS & SOCKETS

**SPECIFICATIONS**

**SC**

**Contact:**

BeCu

**Shell:**

Brass

**-GG Plating:**

30 μ" (0.76 μm) Au over  
50 μ" (1.27 μm) Ni on contact;  
10 μ" (0.25 μm) Au over  
50 μ" (1.27 μm) Ni on shell

**-GT Plating:**

30 μ" (0.76 μm) Au over  
50 μ" (1.27 μm) Ni on contact;  
Sn over 50 μ" (1.27 μm) Ni  
on shell

**-TT Plating:**

Sn over 50 μ" (1.27 μm)  
Ni on contact; Sn over 50 μ"  
(1.27 μm) Ni on shell

**-ST Plating:**

10 μ" (0.25 μm) Au over  
50 μ" (1.27 μm) Ni on contact;  
Sn over 50 μ" (1.27 μm)  
Ni on shell

**Contact Resistance:**

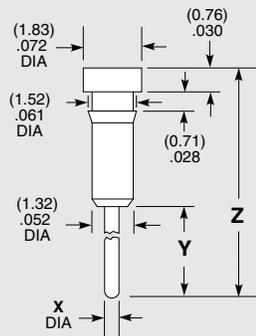
10 mΩ

**Lead DIA Accepted:**

(0.38 mm) .015" to  
(0.56 mm) .022" and  
most IC leads

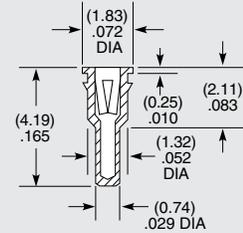
**SC-1P1-, SC-6P1-**

Part No.	X DIA	X DIA	Z ±.015
SC-1P1-	(0.51) .020	(3.18) .125	(7.62) .300
SC-6P1-	(0.51) .020	(4.57) .180	(8.89) .350



Insertion Depth (SC-1P1, SC-6P1) = (2.41 mm) .95" to (3.68 mm) .145"  
Plating Available (SC-1P1) = GG, GT, TT, ST  
Plating Available (SC-6P1) = GG, GT

**SC-8P1**



Insertion Depth = (2.16 mm) .085" to .140" (3.56 mm)  
Lead DIA Accepted: (0.41 mm) .016" to (0.51 mm) .020"  
Plating Available = GG, GT, TT

**SPECIFICATIONS**

**SC-1P4**

**Contact:**

BeCu

**Shell:**

Brass

**-GG Plating:**

20 μ" (0.51 μm) Au over 50 μ"  
(1.27 μm) Ni on contact

**-GT Plating:**

20 μ" (0.51 μm) Au over 50 μ"  
(1.27 μm) Ni on contact

**Contact Resistance:**

10 mΩ

**Insertion Force:**

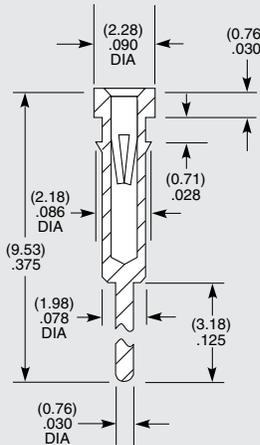
6.5 oz (1.81 N) avg,  
13 oz (3.62 N) max  
(.032" (0.81 mm)  
DIA probe)

**Withdrawal Force:**

3 oz (0.83 N) avg,  
2 oz (0.56 N) min  
(.032" (0.81 mm)  
DIA probe)

**RECOMMENDED  
PC HOLE SIZE:**

LEAD SIZE	HOLE SIZE
(0.46) .018 DIA	(0.61) .024 DIA
(0.51) .020 DIA	(0.66) .026 DIA
(0.64) .025 DIA	(0.79) .031 DIA
(0.76) .030 DIA	(0.91) .036 DIA
(0.89) .035 DIA	(1.04) .041 DIA
(1.14) .045 DIA	(1.30) .051 DIA
(1.32) .052 DIA	(1.47) .058 DIA
(0.46) .018 SQ	(0.76) .030 DIA
(0.64) .025 SQ	(1.02) .040 DIA
(1.14) .045 SQ	(1.75) .069 DIA
(0.20) .008 x (0.71) .028	(0.89) .035 DIA
(0.25) .010 x (0.51) .020	(0.71) .028 DIA
(0.41) .016 x (0.51) .020	(0.79) .031 DIA
(0.41) .016 x (0.61) .024	(0.89) .035 DIA
(0.41) .016 x (0.79) .031	(1.04) .041 DIA

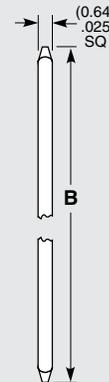


Insertion Depth = (4.45 mm) .175" to (5.46 mm) .215"  
Lead DIA Accepted = (0.81 mm) .032" to (0.97 mm) .038"  
Plating Available = GG, GT

**T-1S6-**

PART NO.	B
T-1S6-07-X-2	(10.92) .430
T-1S6-08-X-2	(13.46) .530
T-1S6-09-X-2	(18.54) .730
T-1S6-10-X-2	(21.08) .830
T-1S6-11-X-2	(23.62) .930
T-1S6-12-X-2	(26.16) 1.030
T-1S6-13-X-2	(31.24) 1.230
T-1S6-14-X-2	(36.32) 1.430
T-1S6-15-X-2	(16.00) .630
T-1S6-16-X-2	(11.30) .445
T-1S6-17-X-2	(12.19) .480
T-1S6-18-X-2	(7.62) .300
T-1S6-19-X-2	(33.78) 1.330
T-1S6-20-X-2	(28.70) 1.130
T-1S6-21-X-2	(8.51) .335

Pins are supplied on a bandolier.



Material: Phosphor Bronze

X = Plating option (specify G or T)

-G = 10 μ" (0.25 μm) Gold on (4.19 mm) .165"

contact area. Gold flash on balance

-T = 200 μ" (5.08 μm) Tin

**Note:**  
Some sizes, styles and  
options are non-standard,  
non-returnable.