



SC-1P4-GG



SC-8P1-GT

SC, T SERIES

MACHINED TERMINALS & SOCKETS

SPECIFICATIONS

SC

Contact: BeCu

Shell: Brass

-GG Plating:

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

-GT Plating:

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

-TT Plating:

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

-ST Plating:

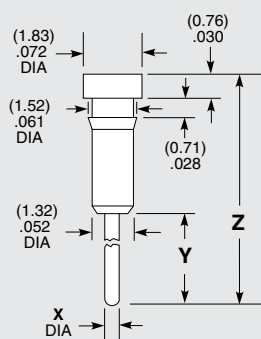
10 μ " (0.25 μ m) Au over
50 μ " (1.27 μ m) Ni on contact;
Sn over 50 μ " (1.27 μ m)
Ni on shell

Lead DIA Accepted:

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

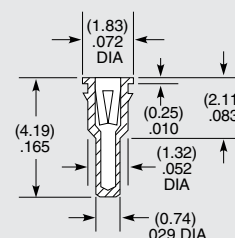
SC-1P1-, SC-6P1-

Part No.	X DIA	Y $\pm .010$	Z $\pm .015$
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 μ m) Au over
50 μ " (1.27 μ m) Ni on contact

-GT Plating:

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

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)

SPECIFICATIONS

T-1S6

T Series is available with a choice of Gold or Tin plating. Add -G or -T as a suffix to the part number shown.

-G Plating:

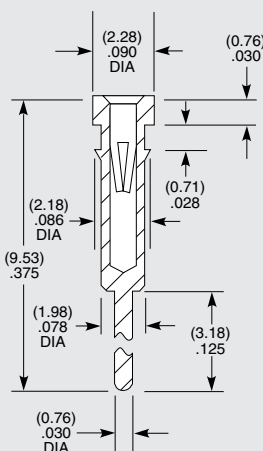
Au over 50 μ "
(1.27 μ m) Ni

-T Plating:

Sn over 50 μ " (1.27 μ m)
Ni or 100 μ " (2.54 μ m) Cu

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

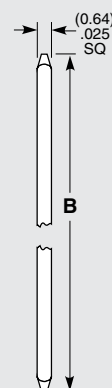


Insertion Depth = (4.45 mm) .175" to (5.46 mm) .215"
Lead DIA Accepted = (0.81 mm) .032" to (0.97 mm) .038"
Plating Available = GG, GT

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 μ m) Gold on (4.19 mm) .165"

contact area. Gold flash on balance

-T = 200 μ " (5.08 μ m) Tin

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec:](#)

[T-1S6-08-T-2](#)