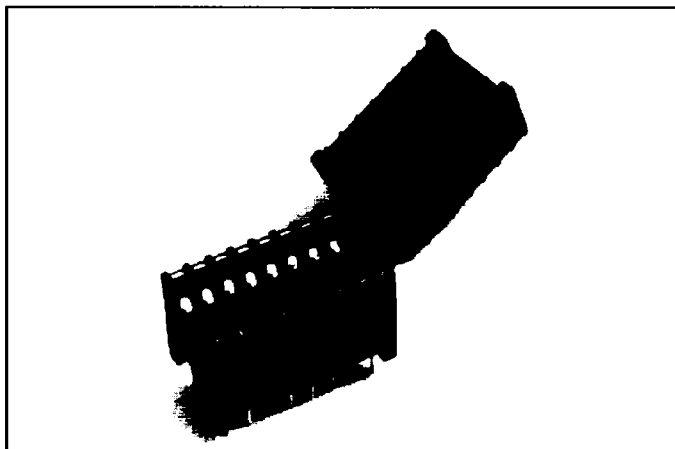
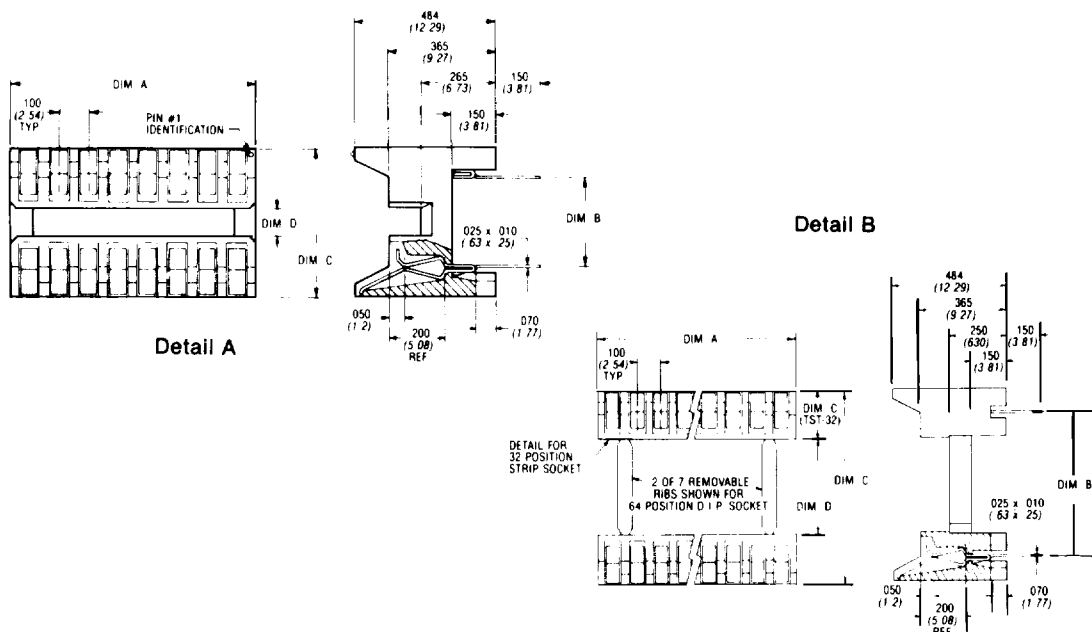


TST Series



- Designed for high cycle long term applications
- New Spinodal Copper contact allows Burn-In temperature to 200°C
- Chip resistant Polyetherimide bodies extend socket life; inhibit corrosion
- Narrow body design allows for maximum board density
- Compatible with automatic loading/unloading equipment

Tabulations	
Number of Contacts	Detail
8	A
14	A
18	A
20	A
22	A
24	A
24	A
28	A
40	A
48	A
64	B
32	B



BURN-IN TEST SOCKETS

TST SERIES



Part Numbers

Number of Contacts	Description	Dimension A	Dimension B	Dimension C	Dimension D
8	TST-083-T2-X	.430 (10.92)	.300 (7.62)	.495 (12.53)	.100 (2.54)
14	TST-143-T2-X	.730 (18.54)	.300 (7.62)	.495 (12.53)	.100 (2.54)
16	TST-163-T2-X	.830 (21.08)	.300 (7.62)	.495 (12.53)	.100 (2.54)
18	TST-183-T2-X	.930 (23.6)2	.300 (7.62)	.495 (12.53)	.100 (2.54)
20	TST-203-T2-X	1.030 (26.16)	.300 (7.62)	.495 (12.53)	.100 (2.54)
22	TST-223-T2-X	1.130 (28.69)	.300 (7.62)	.495 (12.53)	.100 (2.54)
24	TST-243-T2-X	1.230 (31.24)	.300 (7.62)	.495 (12.53)	.100 (2.54)
24	TST-246-T2-X	1.230 (31.24)	.600 (15.24)	.795 (20.19)	.400 (10.16)
28	TST-286-T2-X	1.430 (36.33)	.600 (15.24)	.795 (20.19)	.400 (10.16)
32	TST-326-T2-X	1.630 (41.40)	.600 (15.24)	.795 (20.19)	.400 (10.16)
40	TST-406-T2-X	2.030 (51.56)	.600 (15.24)	.795 (20.19)	.400 (10.16)
48	TST-486-T2-X	2.430 (61.71)	.600 (15.24)	.795 (20.19)	.400 (10.16)
64	TST-649-T2-X	3.230 (82.04)	.900 (22.86)	1.095 (27.81)	.700 (17.78)
*32	TST-32-T2-X	3.230 (82.04)	N/A	.199 (5.04)	N/A

X Denotes plating option, see plating descriptions below.

*32 Position Single in line (SIP). Smaller sizes available.

Note: The use of high tin solder is not recommended for burn-in applications greater than 150°C. Contact factory for recommendations.

Materials:

Body: Black polyetherimide, glass filled
Contacts: Spinodal Copper

Acceptable Pin Sizes:

Thickness: .008" - .015" (.20 - .38)
Length: .050" - .190" (1.27 - 4.83)

Mounting Information:

PCB Hole: .035" ± .002" (.89 ± .05)
Location: IC lead and socket leads are coincident

Performance

Characteristics:

Insertion Force: 2.5 oz*/contact
Withdrawal Force: 1.8 oz*/contact
*Average of 2nd, 3rd, and 4th cycles using .010" flat pin.
Temperature Range:
Spinodal (T2): -65°C to + 200°C
Flammability: UL 94V-0

Plating Description:

Suffix: TNG = 10 μinch (.254 μm) minimum
Gold on contact area.
100 μinch (2.54 μm) minimum
Tin on terminal area.

TNG30 = 30 μinch (.762 μm) minimum
Gold on contact area.
100 μinch (2.54 μm) minimum
Tin on terminal area.

All options include: 50 μinch (1.27 μm) minimum
Nickel on lead-in area.
50 μinch (1.27 μm) minimum
Nickel underplate.