

DO NOT
SCALE FROM
THIS PRINT

TABLE 1

LEAD STYLE		TERMINAL	'L' OVERALL LENGTH (REF)
SERIES D&Z	SERIES E		
07	N/A	T-1S6-07-XXX-2	.430
08	N/A	T-1S6-08-XXX-2	.530
09	09	T-1S6-09-XXX-2	.730
10	10	T-1S6-10-XXX-2	.830
11	11	T-1S6-11-XXX-2	.930
12	12	T-1S6-12-XXX-2	1.030
13	13	T-1S6-13-XXX-2	1.230
14	14	T-1S6-14-XXX-2	1.430
15	15	T-1S6-15-XXX-2	.630
16	N/A	T-1S6-16-XXX-2	.445
17	N/A	T-1S6-17-XXX-2	.480
19	19	T-1S6-19-XXX-2	1.330
20	20	T-1S6-20-XXX-2	1.130

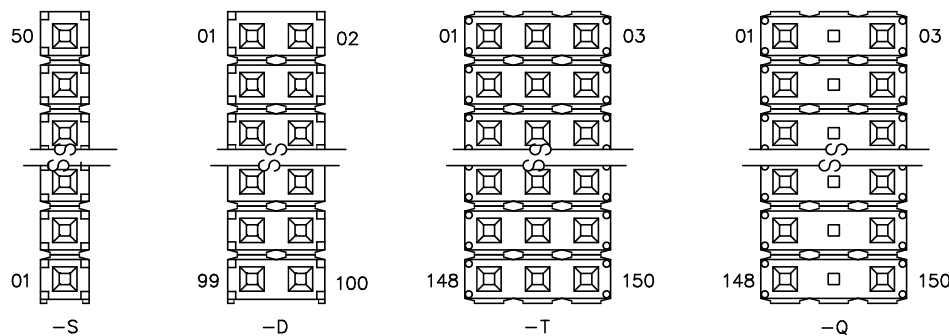
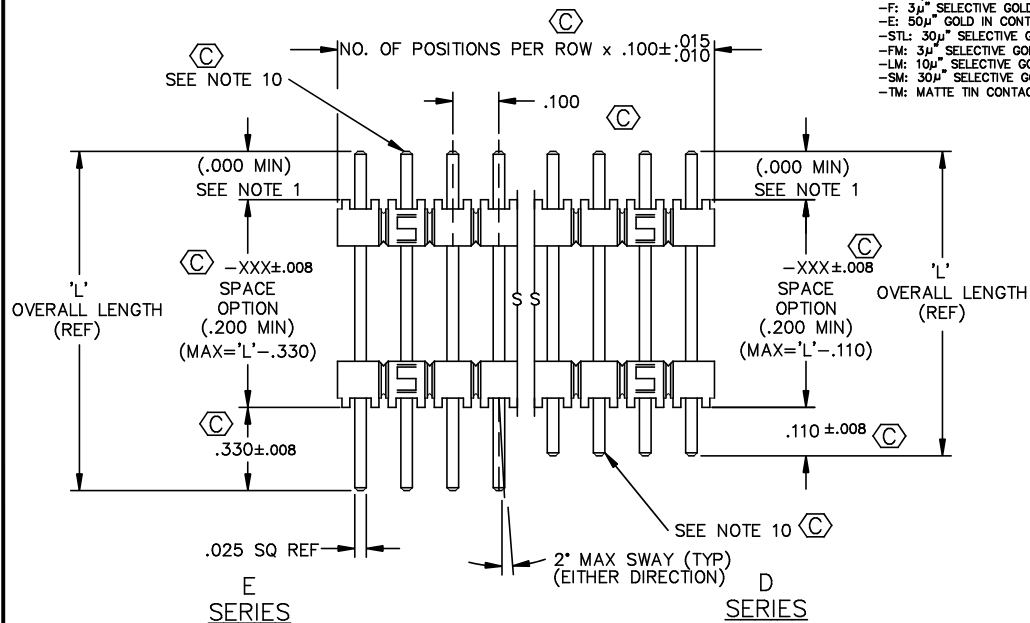


FIGURE 2

NUMBER POSITIONS WITH .330, .110, OR ZW TAIL DOWN

DIMENSIONS ARE IN INCHES

UNLESS OTHERWISE NOTED

TOLERANCES ARE:

ONE PLACE DECIMALS $\pm .1$ THREE PLACE DECIMALS $\pm .005$ ANGLES $\pm 2^\circ$ TWO PLACE DECIMALS $\pm .01$ FOUR PLACE DECIMALS $\pm .0020$

TITLE:

LOW COST
BOARD SPACERS

DWG NO:

XW-XX-XX-XXX-X-XXXX-XXX-XX-XXX

SHEET 1 OF 2

SERIES

D: .110 TAIL LENGTH
E: .330 TAIL LENGTH (N/A IN LEAD STYLE
-07, -08, -16, OR -17)
Z: XXX TAIL LENGTH

NO. OF POSITIONS
-01 THRU -50
NO OF POS. PER ROW $\times .100$

LEAD STYLE
(SEE TABLE 1)

PLATING SPECIFICATION

-G: 10 μ GOLD IN CONTACT AREA, 3 μ GOLD ON TAIL
-T: MATTE TIN CONTACT AND TAIL
-S: 30 μ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-H: 30 μ GOLD IN CONTACT AREA, 3 μ GOLD ON TAIL
-L: 10 μ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-F: 3 μ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-E: 50 μ GOLD IN CONTACT AREA, 3 μ GOLD ON TAIL (STYLE -13 ONLY)
-STL: 30 μ SELECTIVE GOLD IN CONTACT AREA, TIN/LEAD (90/10 $\pm$ 5%) TAIL
-FM: 3 μ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-LM: 10 μ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-SM: 30 μ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-TM: MATTE TIN CONTACT AND TAIL

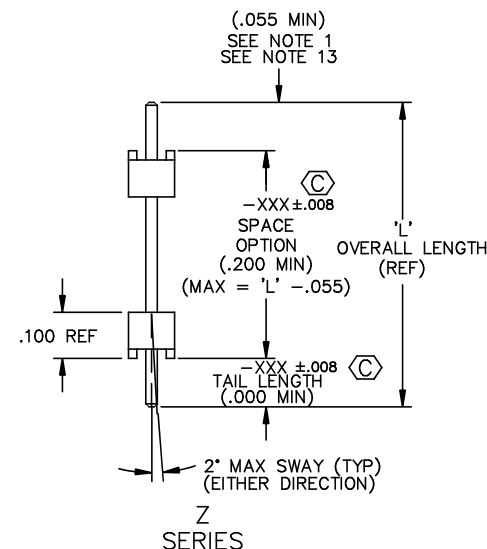
ROW OPTION (SEE FIG. 1)

-S: SINGLE (USE TSW-XX-S)
-D: DOUBLE (USE RTSW-XX-D)
-T: TRIPLE (USE TSW-XX-T)
-Q: TRIPLE, OUTER ROWS FILLED ONLY (USE TSW-XX-T)

SPACE OPTION
TAIL LENGTH
Z SERIES ONLY

OPTION
POLARIZING SPEC. (SEE FIG.2)
-XXX INDICATES OMITTED POS.

OPTION
-LL: LOCKING LEAD (SEE FIG 1)
AVAILABLE ON TAILS
FROM .090 TO .310 ONLY
(N/A IN SINGLE ROW, 1 & 2 POS)
OR -Q ROW)



NOTES:

- HEIGHT VARIATION BETWEEN ANY TWO PINS AND ROW SHALL BE .010 MAX.
- S PLATING: PLATED AREA WILL BE ON THE LONGER TAIL.
- G PLATING: HEAVY GOLD ON LONGER TAIL.
- L PLATING: GOLD ON LONGER TAIL.
- H PLATING: HEAVY GOLD ON LONGER TAIL.
- F PLATING: FLASH SELECTIVE GOLD ON LONGER TAIL.
- P PLATING: GOLD FLASHED-PALLADIUM-NICKEL ON LONGER TAIL.
- E PLATING: EXTRA HEAVY GOLD ON LONGER TAIL.
- () REPRESENTS A CRITICAL DIMENSION.
- F, -S, -L, -P GOLD TO BE ON LONGER TAIL.
- G, -H, -E, HEAVY GOLD TO BE ON LONGER TAIL.
- CRIMPED TAILS OF .090 TO BE TOLERANCED $\pm .008$ / -.000.
- TSW-50-D TO BE USED IF RTSW-50-D IS NOT AVAILABLE.
- .000 MIN IF TAIL LENGTH IS GREATER THAN OR EQUAL TO .055.
- TERMINAL PUSHOUT FORCE: 3 LBS. MIN.
- MAXIMUM CUT FLASH: .010(.25)
- FOR ADDED MECHANICAL STABILITY, SAMTEC RECOMMENDS MECHANICAL BOARD SPACERS EXISPROD\ASSEMBLY\100 BE USED IN APPLICATIONS WITH GOLD OR SELECTIVE GOLD PLATED CONNECTORS. CONTACT IPG@SAMTEC.COM FOR MORE INFORMATION.

MATERIAL:

BODIES:

PBT, UL 94 VO
GLASS FILLED POLYESTER
COLOR: BLACK
TERMINALS:
PHOSPHOR BRONZE, ALLOY
NO. 510, 3/4 HARD,
TENSILE RANGE 95-105 KSI

samtec

520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-6733 P.O. BOX 1147
CODE 55322

MADE BY:

WILLIAMS 8-13-84

XW-XX-XX-XXX-X-XXXX-XXX-XX-XXX

SHEET 1 OF 2

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC INC. AND SHALL NOT BE
REPRODUCED OR TRANSFERRED TO
OTHER DOCUMENTS OR DISCLOSED TO
OTHERS OR USED FOR ANY PURPOSE
OTHER THAN THAT FOR WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED
WRITTEN CONSENT OF SAMTEC INC.