

DO NOT
SCALE FROM
THIS PRINT

LEAD STYLE		TERMINAL	'L'	CONTACT AREA
SERIES D&Z	SERIES E			
07	N/A	T-1S6-07-XXX-2	.430	.165
08	N/A	T-1S6-08-XXX-2	.530	.165
09	09	T-1S6-09-XXX-2	.730	.165
10	10	T-1S6-10-XXX-2	.830	.165
11	11	T-1S6-11-XXX-2	.930	.165
12	12	T-1S6-12-XXX-2	1.030	.165
13	13	T-1S6-13-XXX-2	1.230	.165
14	14	T-1S6-14-XXX-2	1.430	.165
15	15	T-1S6-15-XXX-2	.630	.165
16	N/A	T-1S6-16-XXX-2	.445	.165
17	N/A	T-1S6-17-XXX-2	.480	.165
19	19	T-1S6-19-XXX-2	1.330	.165
20	20	T-1S6-20-XXX-2	1.130	.165

UNLESS OTHERWISE NOTED		
DIMENSIONS ARE IN INCHES	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
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DWG NO:	XW-XX-XX-XXX-X-XXXX-XXX-XX-XXX
	SHEET 1 OF 2

SERIES ———— XW—XX—XX—XXX—X—XXXX—XXX—XX—XXX

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 x .100

LEAD STYLE
(SEE TABLE 1)

PLATING SPECIFICATION

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

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

OPTION
—LL: LOCKING LEAD (SEE FIG 1)
AVAILABLE ON TAILS
FROM .084 TO .310 ONLY
(N/A IN SINGLE ROW, 1 & 2 POS)
OR —Q ROW)

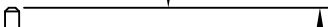
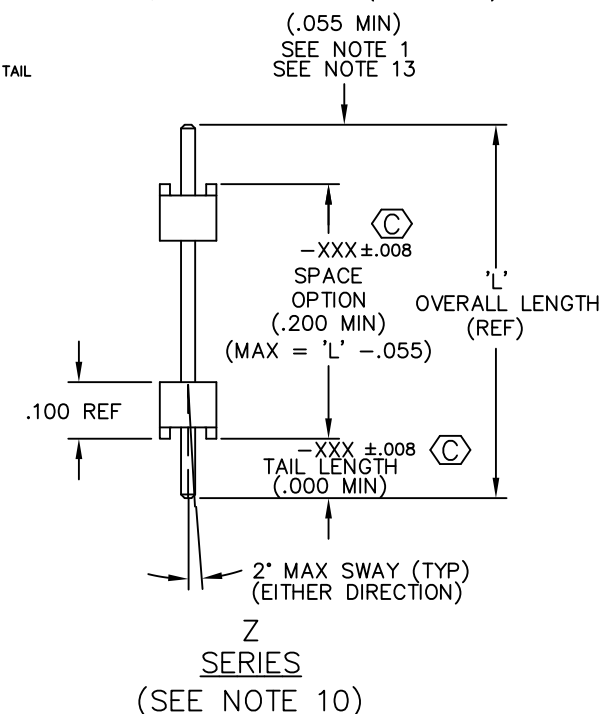
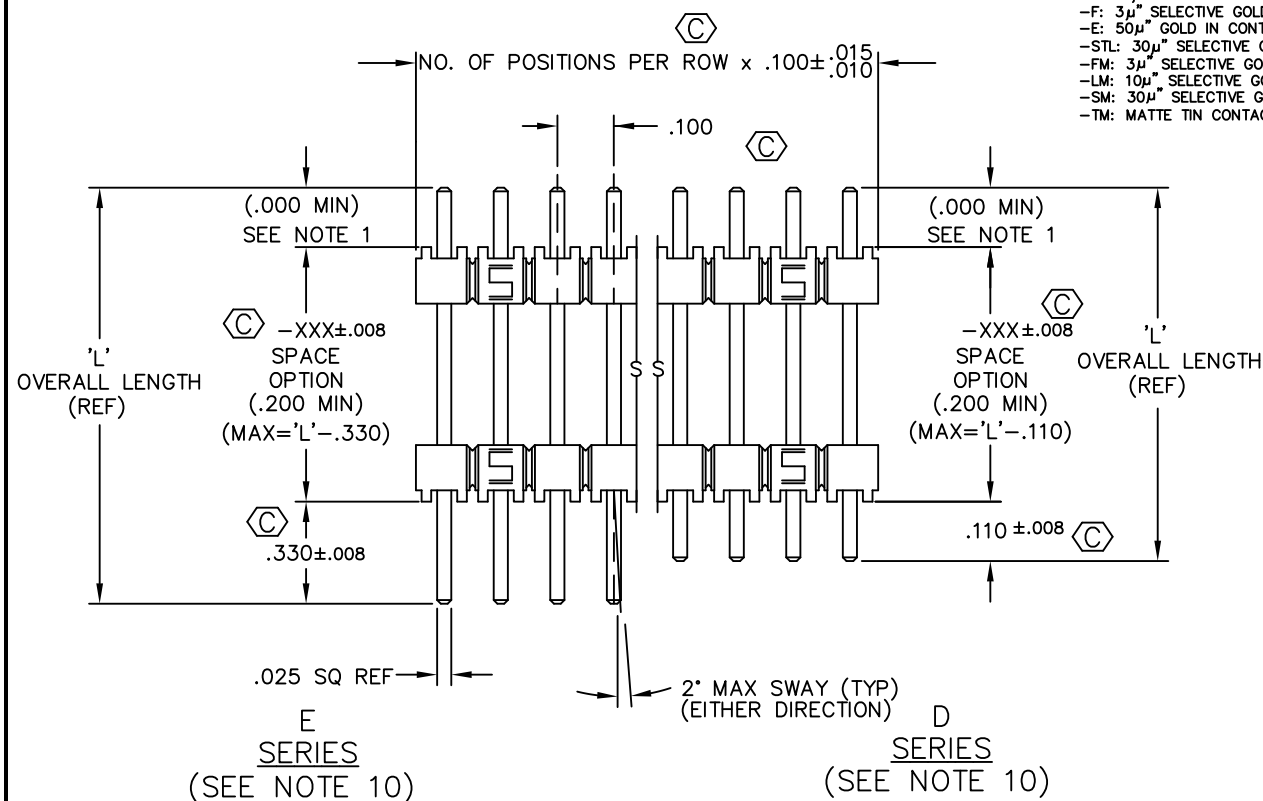
TAIL LENGTH
Z SERIES ONLY

SPACE OPTION

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)

(.055 MIN)
SEE NOTE 1
SEE NOTE 13

A diagram showing a tail with a locking lead feature. A vertical line on the left represents the tail, and a horizontal line on the right represents the locking lead. A vertical line connects the two, with a downward arrow pointing to the horizontal line. The text "(.055 MIN)" is above the horizontal line, and "SEE NOTE 1" and "SEE NOTE 13" are below it.

NOTES:

1. HEIGHT VARIATION BETWEEN ANY TWO PINS AND ROW SHALL BE .010 MAX.
 DELETED 2. S PLATING: PLATED AREA WILL BE ON THE LONGER TAIL.
 DELETED 3. G PLATING: HEAVY GOLD ON LONGER TAIL
 DELETED 4. L PLATING: GOLD ON LONGER TAIL
 DELETED 5. H PLATING: HEAVY GOLD ON LONGER TAIL
 DELETED 6. F PLATING: FLASH SELECTIVE GOLD ON LONGER TAIL
 DELETED 7. P PLATING: GOLD FLASHED PALLADIUM NICKEL ON LONGER TAIL
 DELETED 8. E PLATING: EXTRA HEAVY GOLD ON LONGER TAIL

10. CONTACT AREA -F, -S, -L, -P GOLD TO BE ON LONGER TAIL.
-G, -H, -E, HEAVY GOLD TO BE ON LONGER TAIL.
11. CRIMPED TAILS OF .084 TO BE TOLERANCED +.008/- .000.
12. TSW-50-D TO BE USED IF RTSW-50-D IS NOT AVAILABLE
13. .000 MIN IF TAIL LENGTH IS GREATER THAN OR EQUAL TO .055
14. TERMINAL PUSHOUT FORCE: 3 LBS. MIN.

4. TERMINAL PUSHOUT FORCE: 5 LBS. MIN.

5. MAXIMUM CUT FLASH: .010[.25]

6. FOR ADDED MECHANICAL STABILITY, SAMTEC RECOMMENDS MECHANICAL BOARD SPACERS
BE USED IN APPLICATIONS WITH GOLD OR SELECTIVE GOLD PLATED EXISPROD\ASSEMBLY\100
CONNECTORS. CONTACT XW-XX-XX-XXX-X-XXXX-XXX-XX-XXX-ASM1
IPG@SAMTEC.COM FOR MORE INFORMATION. [REDACTED]

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

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CODE 55322

MADE BY: WILLIAMS 8-13-84

XW-XX-XX-XXX-X-XXXX-XXX-XX-XXX
SHEET 1 OF 2

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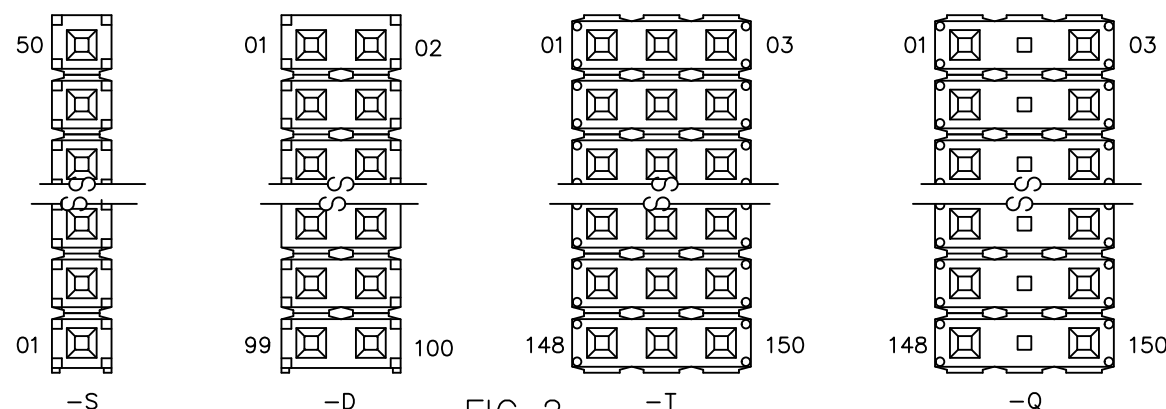


FIG 2

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