

DO NOT SCALE FROM THIS PRINT

TABLE 1

LEAD STYLE		TERMINAL	'L' OVERALL LENGTH (REF)	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		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		T-1S6-19-XXX-2	1.330	.165
20	20	T-1S6-20-XXX-2	1.130	.165

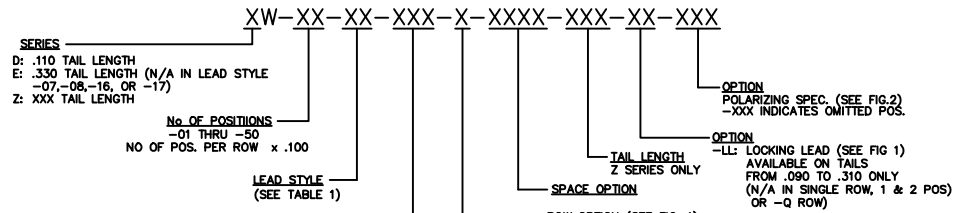
UNLESS OTHERWISE NOTED TOLERANCES ARE:

DIMENSIONS ARE IN INCHES	ONE PLACE DECIMALS ±.1	THREE PLACE DECIMALS ± .005	ANGLES ± 2°
	TWO PLACE DECIMALS ±.01	FOUR PLACE DECIMALS ± .0020	

TITLE: **LOW COST BOARD SPACERS**

DWG NO: XW-XX-XX-XXX-X-XXXX-XXX-XX-XXX

SHEET 1 OF 2



- 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

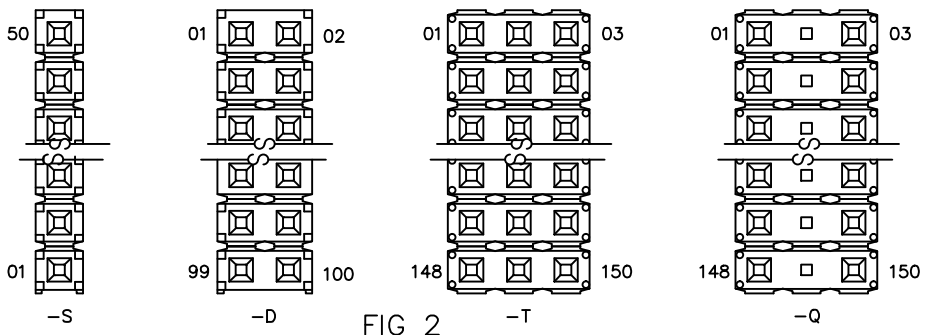
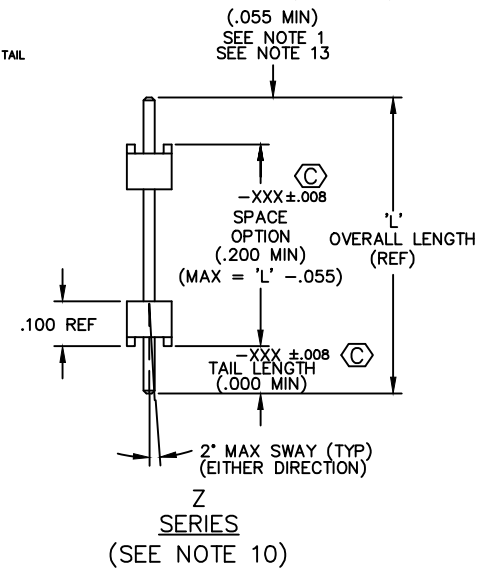
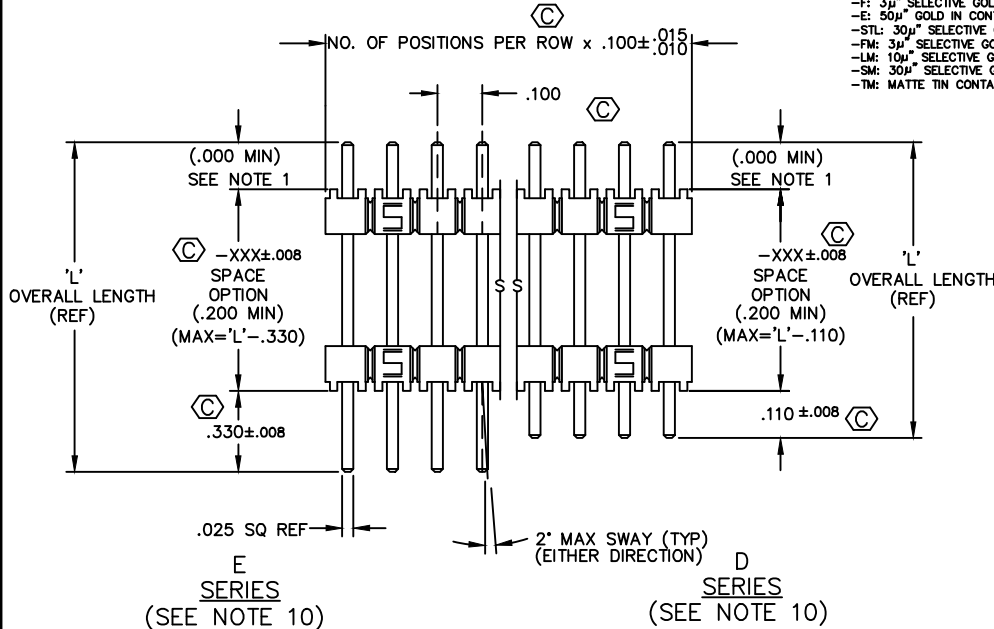


FIG 2 NUMBER POSITIONS WITH .330, .110, OR ZW TAIL DOWN

- 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.
  - (C) REPRESENTS A CRITICAL DIMENSION.
  - CONTACT AREA -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 +.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 XW-XX-XX-XXX-X-XXXX-XXX-XX-XXX-ASM1 IPG@SAMTEC.COM FOR MORE INFORMATION.

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**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

EXISPROD/ASSEMBLY/100  
 XW-XX-XX-XXX-X-XXXX-XXX-XX-XXX-ASM1

SHEET 1 OF 2