



**THE DATASHEET OF  
DW-12-12-S-D-727**



REVISION BA

DO NOT SCALE FROM THIS PRINT

| 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         | 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 TOLERANCES ARE:  
 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

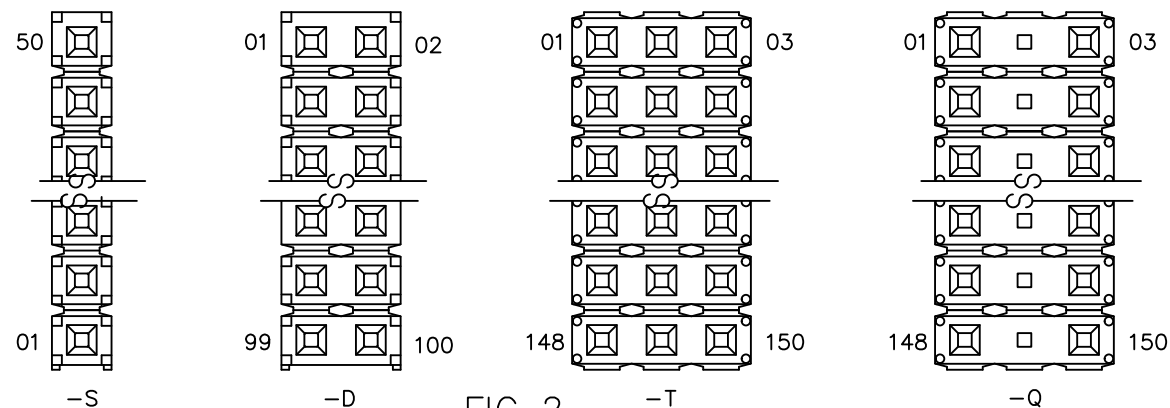
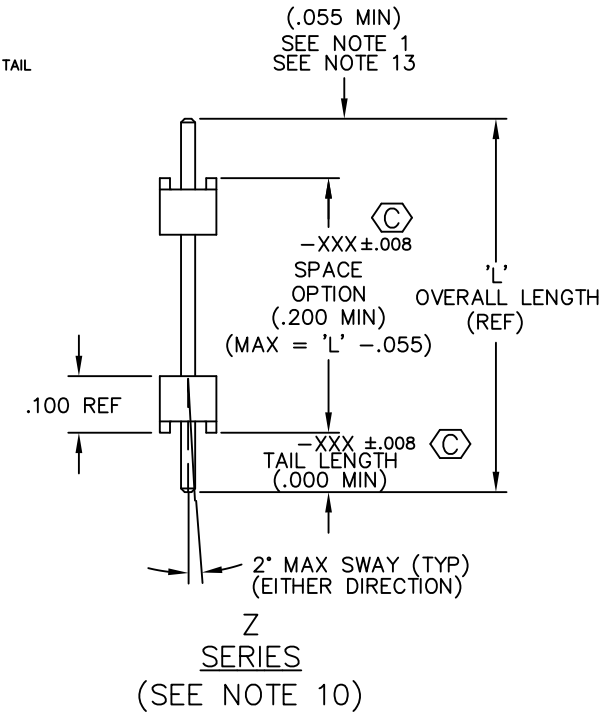
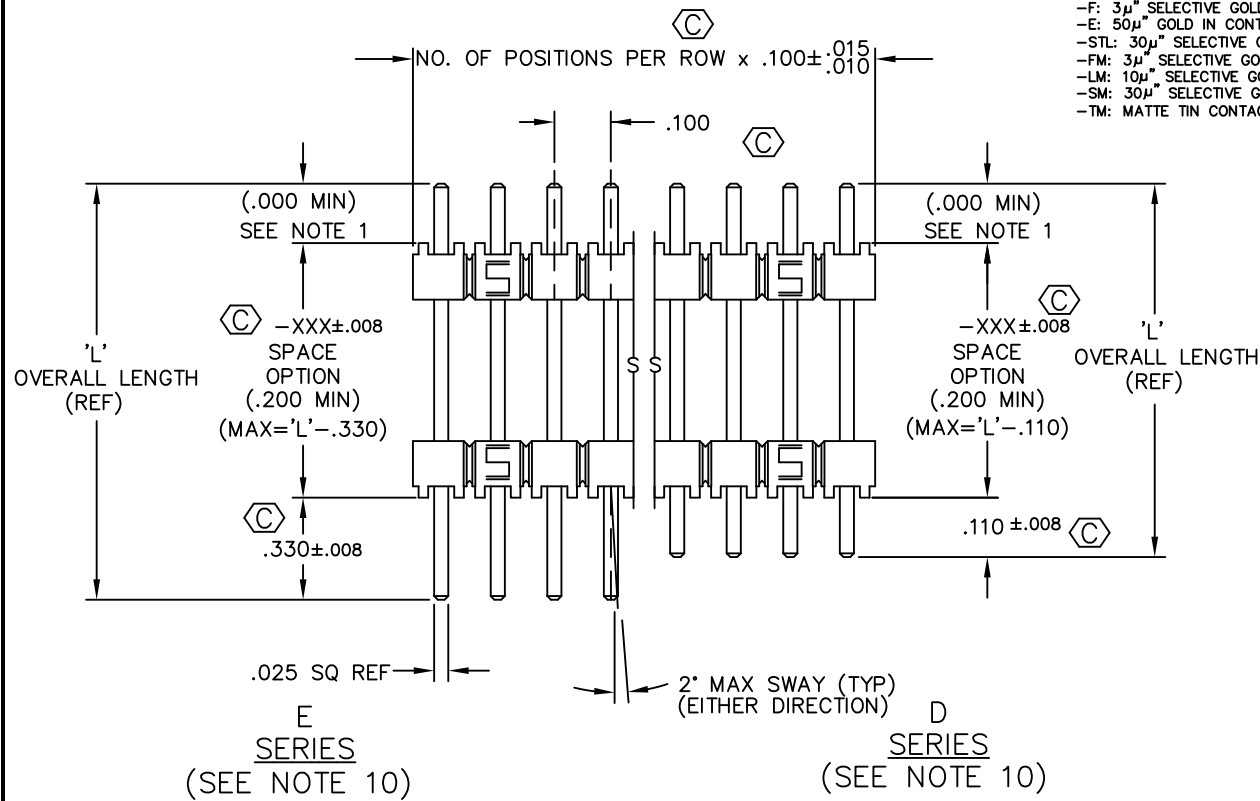
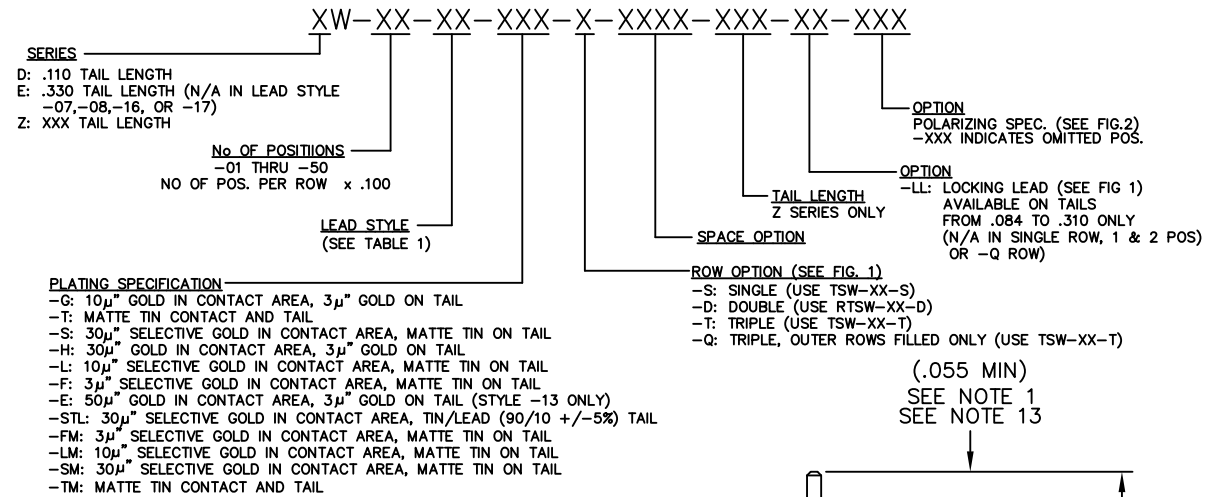


FIG 2 NUMBER POSITIONS WITH .330, .110, OR ZW TAIL DOWN

- 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 .084 TO BE TOLERANCED +.008/-0.000.
- TSW-50-D TO BE USED IF RTSW-50-D IS NOT AVAILABLE
- 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**

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MADE BY: WILLIAMS 8-13-84

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

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