



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

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: 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 +/-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

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)

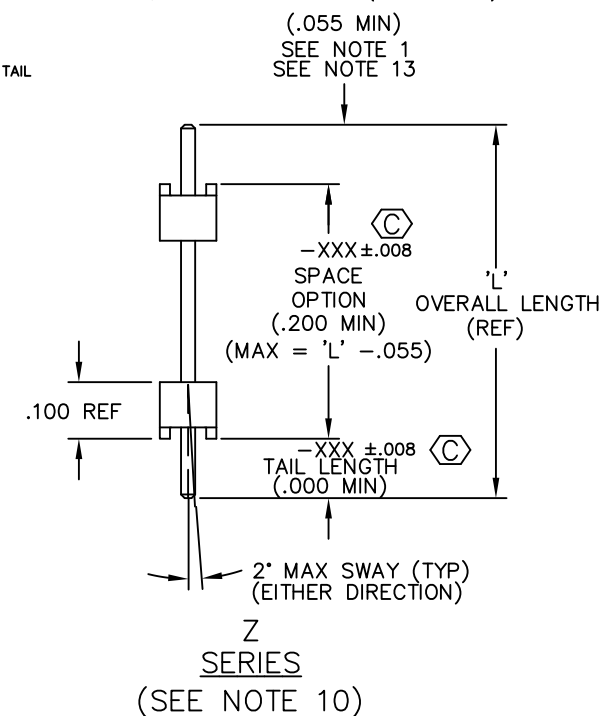
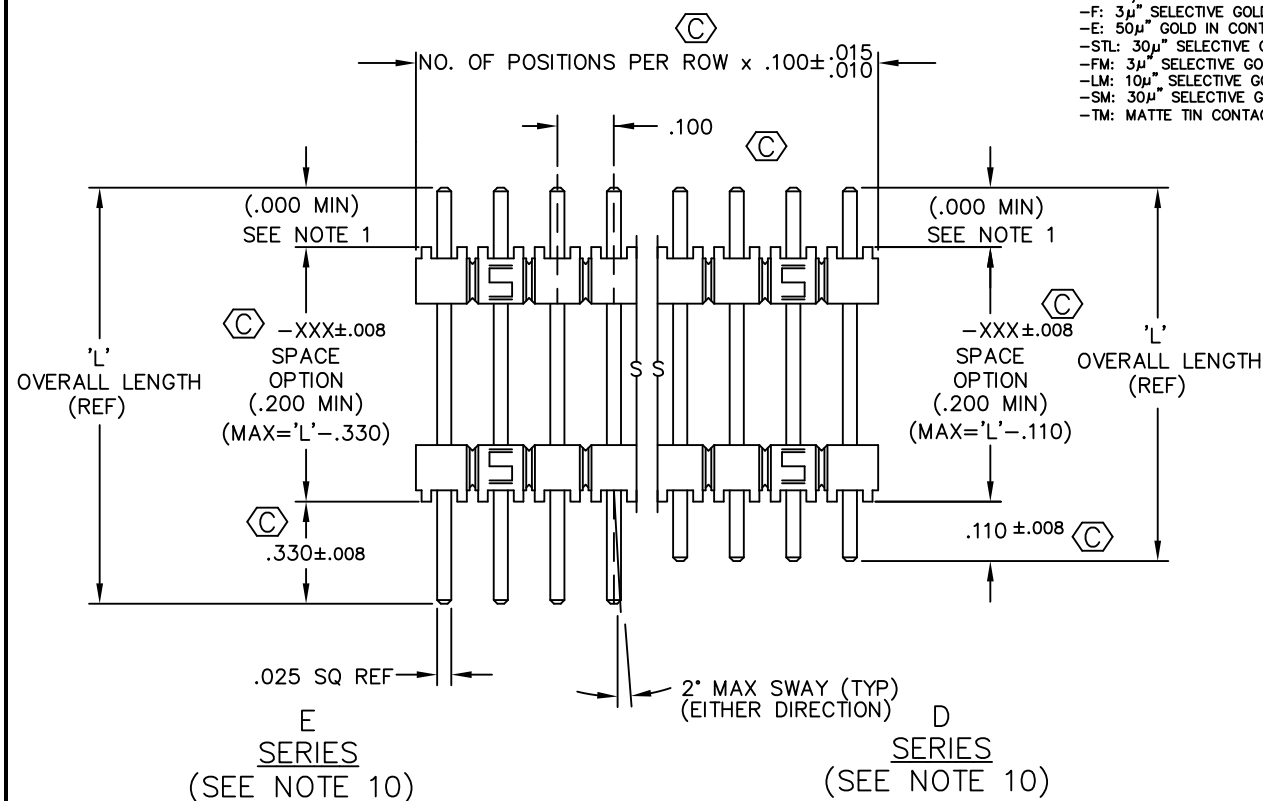
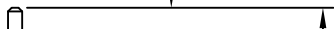
TAIL LENGTH
Z SERIES ONLY

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



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~~
9. () REPRESENTS A CRITICAL DIMENSION.
-  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.
15. MAXIMUM CUT FLASH: .010[.25]
16. FOR ADDED MECHANICAL STABILITY, SAMTEC RECOMMENDS MECHANICAL BOARDS BE USED IN APPLICATIONS WITH GOLD OR SELECTIVE GOLD PLATED CONNECTORS. CONTACT
IPG@SAMTEC.COM FOR MORE INFORMATION. 
- XW-X

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



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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

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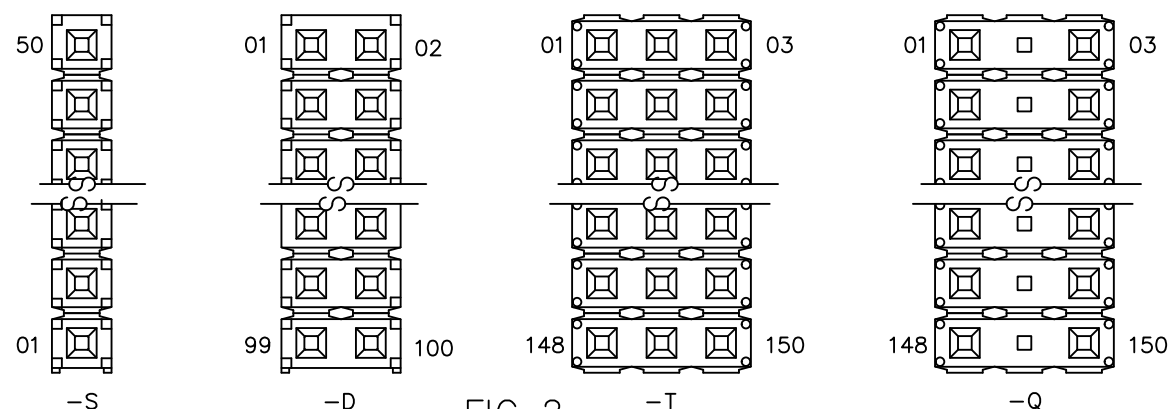


FIG 2

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

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