REVISIONS AV

DO NOT SCALE FROM THIS PRINT

UNLESS OTHERWISE NOTED

DIMENSIONS ARE IN INCHES — TOLERANCES ARE:

ONE PLACE DECIMALS ±.1 — THREE PLACE DECIMALS ± .005

TWO PLACE DECIMALS ±.01 — FOUR PLACE DECIMALS ± .0020

ANGLES ± 2°

TITLE: LOW COST BOARD SPACERS

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

SHEET 1 OF 2

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

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

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 POSITIIONS
-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

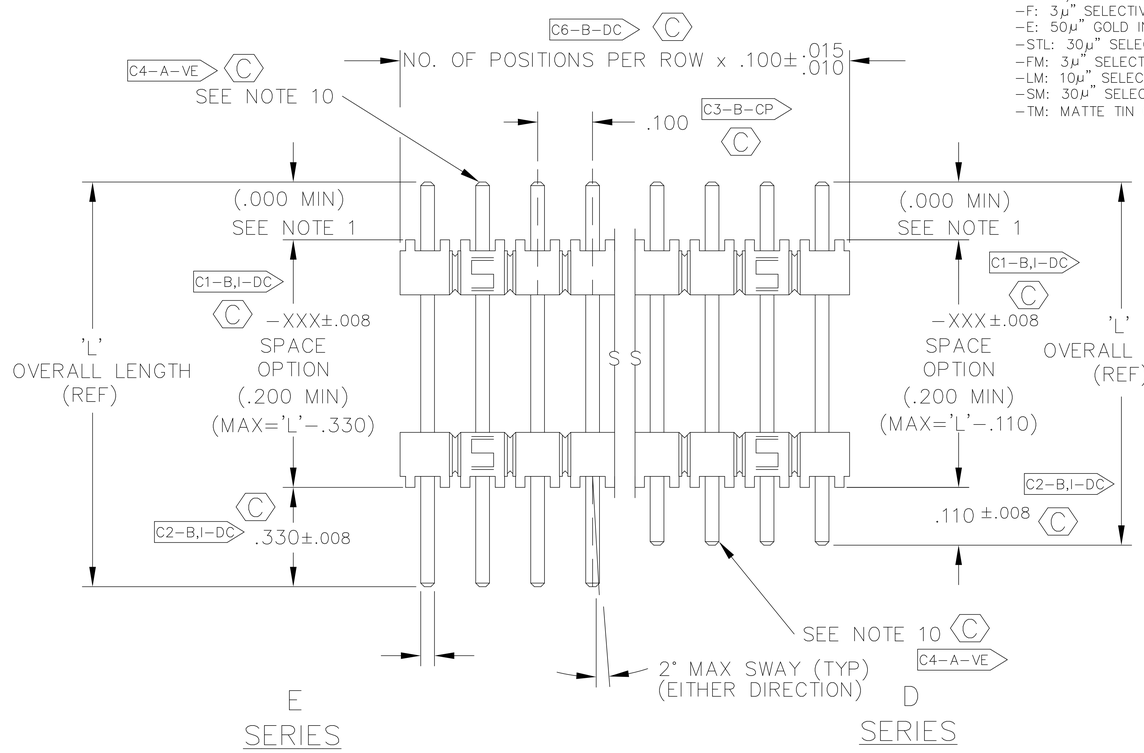
ROW OPTION (SEE FIG. 1)
-S: SINGLE (USE TSW-XX-S)
-D: DOUBLE (USE RTSW-XX-D)
-T: TRIPLE (USE TSW-XX-T)
-Q: TRIPLE, OUTER ROWS FILLED ONLY (USE TSW-XX-T)

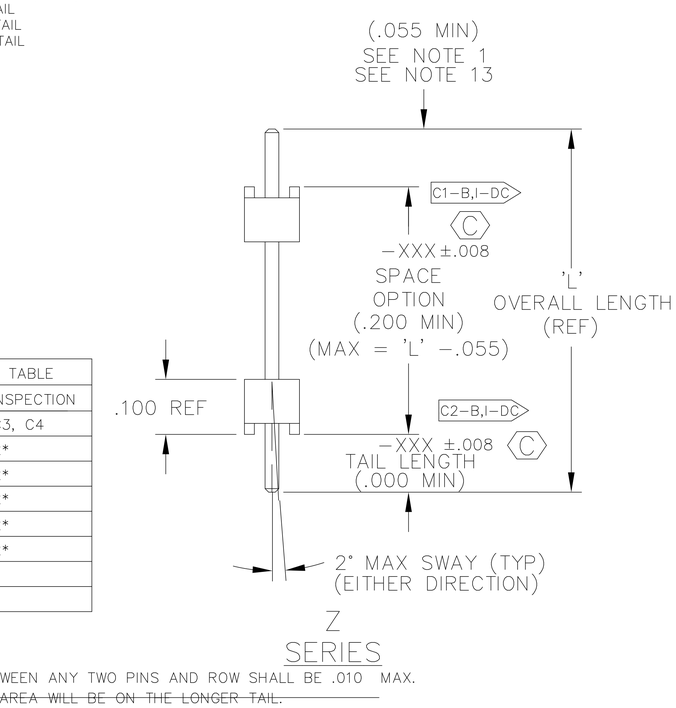
SPACE OPTION

TAIL LENGTH
Z SERIES ONLY

OPTION
-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)

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





CRITICAL DIMENSION INSPECTION TABLE	
ASSEMBLY OPERATION	IN-PROCESS INSPECTION
FILL	C2*, C3, C4
MOUNT BODY	C1, C2*
2ND PRESS	C1, C2*
REPRESS	C1, C2*
SPREAD (1)	C1, C2*
SPREAD (2)	C1, C2*
CRIMP	C5
*WHERE APPLICABLE	

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. ((C) REPRESENTS A CRITICAL DIMENSION.
10. -F, -S, -L, -P GOLD TO BE ON LONGER TAIL.
    -G, -H, -E, HEAVY GOLD TO BE ON LONGER TAIL.
11. CRIMPED TAILS OF .090 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 BOARD SPACERS BE USED IN APPLICATIONS WITH GOLD OR SELECTIVE GOLD PLATED CONNECTORS. CONTACT IPG@SAMTEC.COM FOR MORE INFORMATION.

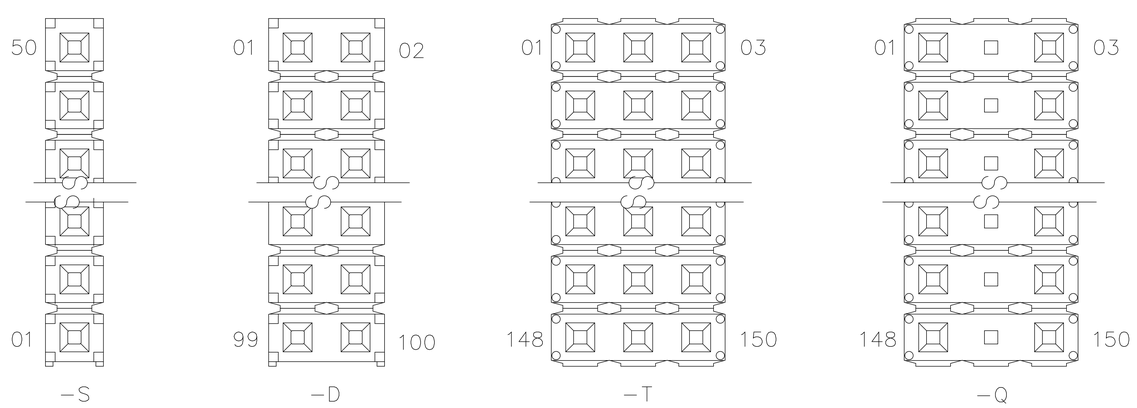


FIGURE 2

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

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

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

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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

PROPRIETARY NOTE

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