REVISION BC

NOTES:
1. Ⓒ REPRESENTS A CRITICAL DIMENSION.
2-8. NOTES DELETED
9. MAXIMUM HEIGHT VARIATION BETWEEN ANY TWO PINS AND ROW: .010[0.25]
Ⓒ 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[+0.20/-0.00]
12. TSW-50-D TO BE USED IF RTSW-50-D IS NOT AVAILABLE.
13. .000[0.00] MIN IF TAIL LENGTH IS GREATER THAN OR EQUAL TO .055[1.40]
14. MINIMUM TERMINAL PUSHOUT FORCE: 3 LBS
15. MAXIMUM CUT FLASH: .010[0.25]
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.

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

SERIES
D: .110 TAIL LENGTH
E: .330 TAIL LENGTH
(N/A IN LEAD STYLES -07, -08, -16, OR -17)
Z: XXX TAIL LENGTH

No OF POSITIONS
-01 THRU -50
No OF POS PER ROW x .100[2.54]

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 ON CONTACT AND TAIL

ROW OPTION
(SEE FIG 2)
-S: SINGLE (USE TSW-XX-S)
-D: DOUBLE (USE RTSW-XX-D)(SEE NOTE 12)
-T: TRIPLE (USE TSW-XX-T)
-Q: TRIPLE, ONLY OUTER ROWS FILLED (USE TSW-XX-T)

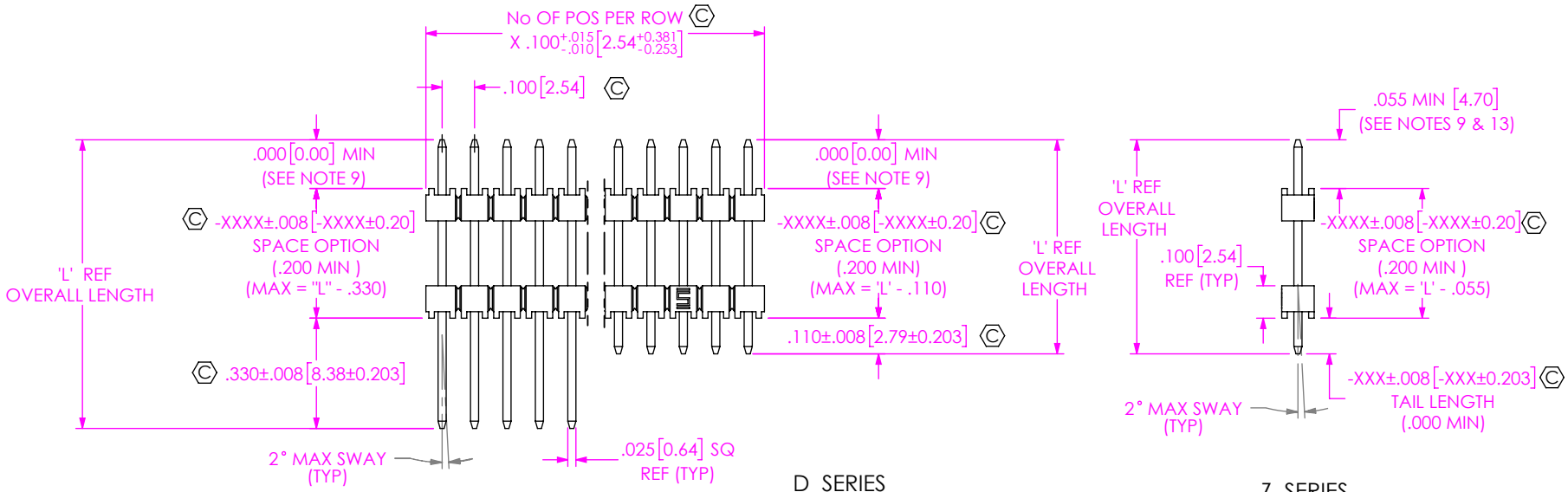
SPACE OPTION

TAIL LENGTH
Z SERIES ONLY

OPTION
-LL: LOCKING LEAD (SEE FIG 2) AVAIL ON TAILS FROM .084[2.13] - .310[7.87] EXCEPT FOR -Q ROW AND POS 01 & 02 -S ROW

OPTION
POLARIZING SPEC (SEE FIG 3)
-XXX INDICATES OMITTED POS

DO NOT SCALE FROM THIS PRINT



E SERIES
(SEE NOTE 10)

D SERIES
(SEE NOTE 10)

Z SERIES
(SEE NOTE 10)

FIG 1

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 [10.92]	.165 [4.19]
-08	N/A	T-1S6-08-XXX-2	.530 [13.46]	.165 [4.19]
-09	-09	T-1S6-09-XXX-2	.730 [18.54]	.165 [4.19]
-10	-10	T-1S6-10-XXX-2	.830 [21.08]	.165 [4.19]
-11	-11	T-1S6-11-XXX-2	.930 [23.62]	.165 [4.19]
-12	-12	T-1S6-12-XXX-2	1.030 [26.16]	.165 [4.19]
-13	-13	T-1S6-13-XXX-2	1.230 [31.24]	.165 [4.19]
-14	-14	T-1S6-14-XXX-2	1.430 [36.32]	.165 [4.19]
-15	-15	T-1S6-15-XXX-2	.630 [16.00]	.165 [4.19]
-16	N/A	T-1S6-16-XXX-2	.445 [11.30]	.165 [4.19]
-17	N/A	T-1S6-17-XXX-2	.480 [12.19]	.165 [4.19]
-19	-19	T-1S6-19-XXX-2	1.330 [33.78]	.165 [4.19]
-20	-20	T-1S6-20-XXX-2	1.130 [28.70]	.165 [4.19]

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS
.XX: ±.01 [0.3]
.XXX: ±.005 [0.13]
.XXXX: ±.0020 [0.051]
ANGLES
2°

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PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 3:2

INSULATOR: PBT, UL94-V0 GLASS FILLED POLYESTER, COLOR: BLACK
TERMINAL: PHOS BRONZE, ALLOY No 510, 3/4 HARD, TENSILE RANGE 95-105 KSI

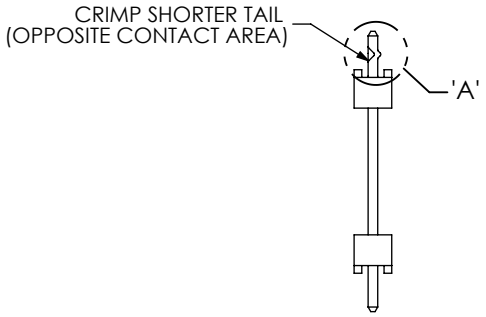
F:\DWG\MISC\MKTG\XW-XX-XX-XXX-X-XXXX-XXX-XX-XXX-MKT.SLDDRW

DESCRIPTION:
LOW COST BOARD SPACERS

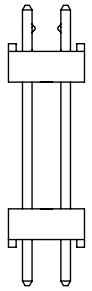
DWG. NO.
XW-XX-XX-XXX-X-XXXX-XXX-XX-XXX

BY: WILLIAMS 08/13/1984 SHEET 1 OF 2

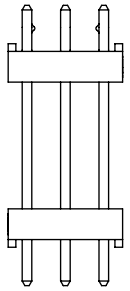
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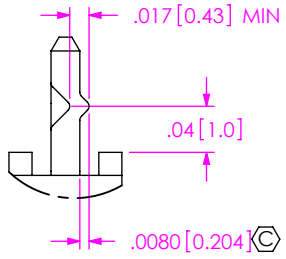
-S



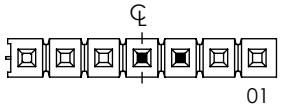
-D



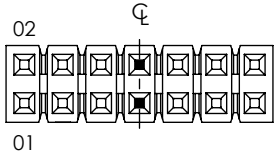
-T



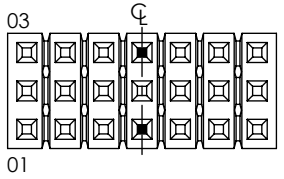
DETAIL 'A'
SCALE 6 : 1



-S

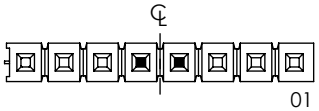


-D

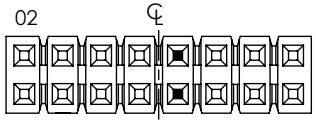


-T

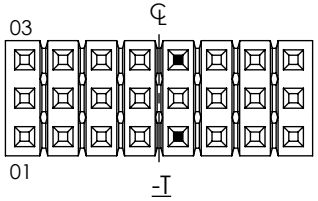
= CRIMP LOCATION
FOR -S, CRIMP CENTER POSITION & PIN CLOSEST TO PIN 1
ODD POSITIONS



-S



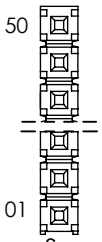
-D



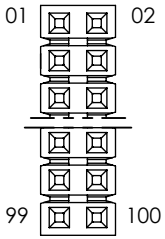
-T

= CRIMP LOCATION
FOR -S, TWO CENTER MOST PINS TO BE CRIMPED
EVEN POSITIONS

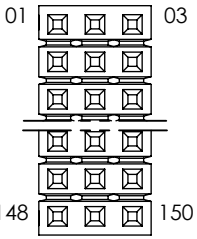
FIG 2
-LL: LOCKING LEAD
(SAME AS FIG 1, DIFFERENT AS SHOWN)



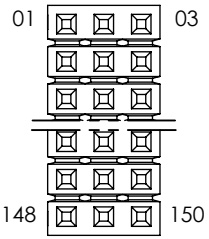
-S



-D



-T



-Q

FIG 3
NUMBER OF POSITIONS WITH .330, .110 , OR ZW TAIL DOWN

F:\DWG\MISC\MKTG\XW-XX-XX-XXX-X-XXXX-XXX-XX-XXX-MKT.SLDDRW

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e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
LOW COST BOARD SPACERS

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

BY: WILLIAMS 08/13/1984 SHEET 2 OF 2

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ERF8-035-05.0-L-DV-K-TR SLM-118-01-G-S FTS-102-02-F-DV-TR HTSS-110-04-S-D-RA
IPBS-115-01-T-D-GP MMS-114-02-L-DV TSW-150-08-T-S CES-108-02-T-S LSS-140-01-L-DV-A
SQT-110-01-L-S-RA CES-112-01-T-S FTSH-110-01-L-D-K HTST-108-01-L-DV-P-TR ISDF-06-S-R
SEAF-20-06.5-S-06-2-A-K-TR TSDF-03-S-S TSW-103-07-T-D ESQ-106-33-L-D FJ-15-D-15.75-4
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