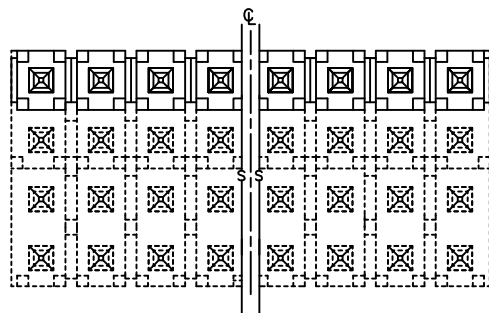
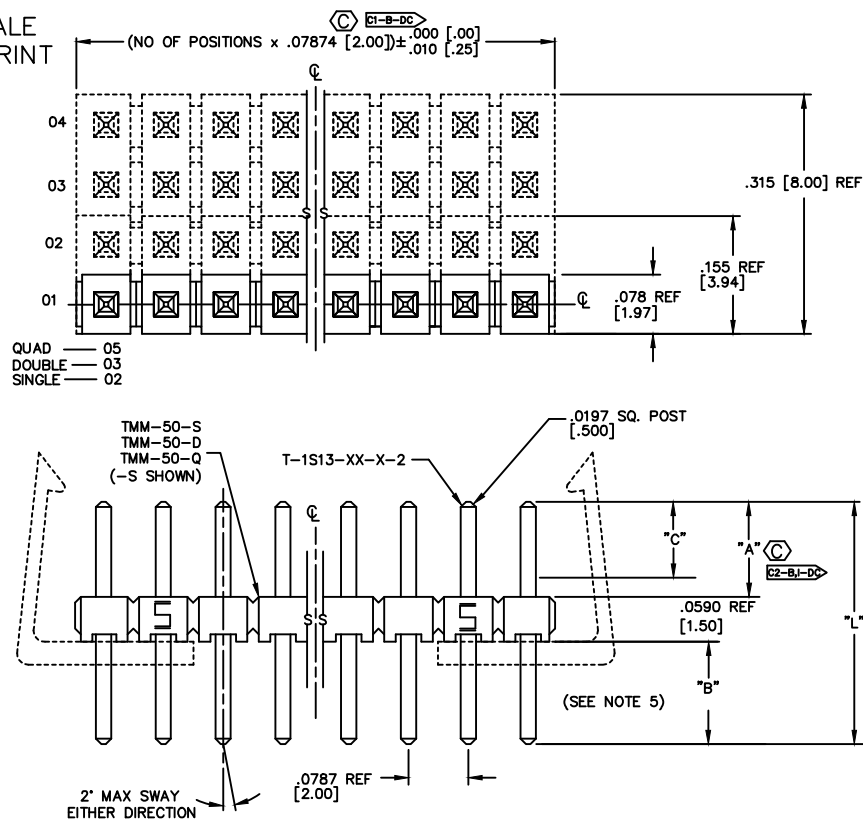


DO NOT SCALE
FROM THIS PRINT

FIG. 1



PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
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SAMTEC INC. AND SHALL NOT BE
REPRODUCED OR TRANSFERRED TO
OTHER DOCUMENTS OR DISCLOSED TO
OTHERS OR USED FOR ANY PURPOSE
OTHER THAN THAT FOR WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED
WRITTEN CONSENT OF SAMTEC INC.

UNLESS OTHERWISE NOTED		TITLE: 2mm TERMINAL STRIP ASSEMBLY	DWG NO: TMM-1XX-XX-XX-X-XX-XXX
DIMENSIONS ARE IN INCHES			
TOLERANCES ARE:		ANGLES ± 2°	SHEET 1 OF 2
ONE PLACE DECIMALS ±.1[.25] THREE PLACE DECIMALS ±.005 [.13] TWO PLACE DECIMALS ±.01[.25] FOUR PLACE DECIMALS ±.0020[.05]			

**** -MW OPTION, DO NOT DESIGN IN. SAMTEC WILL ONLY SUPPORT EXISTING BUSINESS 2/05/02.**

WILL TMM-1XX-XX-XX-X-XX-XXX
02.

NO. OF POSITIONS
-01 THRU -50

TERMINAL SPEC
SEE TABLE 1

PLATING SPECIFICATION

- G: 20µ" GOLD IN THE CONTACT AREA, 3 GOLD ON TAIL
-T: MATTE TIN CONTACT AND TAIL
-S: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-L: 10µ" GOLD IN THE CONTACT AREA, MATTE TIN ON TAIL
-F: FLASH SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL
-H: 30µ" HEAVY GOLD IN CONTACT AREA, 3 ON TAIL
-SM: 30µ" SELECTIVE GOLD IN CONTACT AREA,, MATTE TIN ON TAIL
-TM: MATTE TIN CONTACT AND TAIL
-LM: 10µ" GOLD IN THE CONTACT AREA, MATTE TIN ON TAIL
-FM: FLASH SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL

DWG NO:
TMM-1XX-XX-XX-X-XX-XXX
SHEET 1 OF 2

— OPTION
POLARIZATION
SPECIFY POS -XXX AS
POS TO BE OMITTED

OPTION

** -MW: METAL WASHER
(-D & -Q BODY SPECS ONLY)
(SEE FIG. 2, SHT. 2)
(30 POS PER ROW MAX)
(SEE TABLE 2 PAGE 2)

-RC: RETAINING CLIP FOR IDC
USE LTC-09, DOUBLE ROW ONLY,
REQUIRES 4 POSITIONS MINIMUM,
NOT FOR USE WITH -MW OPTION,
SEE NOTES 9 & 10.

BODY SPECIFICATION

- S: SINGLE (TMM-50-S)
- D: DOUBLE (TMM-50-D)
- Q: QUAD (TMM-50-Q)

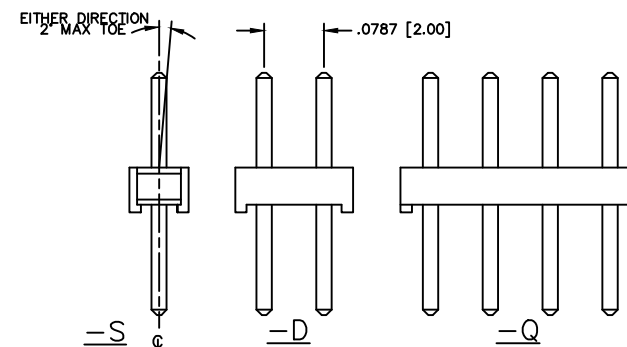


TABLE 1

SUFFIX	TERMINAL	POST "A" IN [MM]	TAIL "B" IN [MM]	CONTACT AREA "C" IN [MM]	STRAIGHT "L" (OVERALL LENGTH)
-01	T-1S13-20-XX-2	.126 [3.20]	.138 [3.50] REF	.100 [2.54] REF	.323 [8.20] REF
-02	T-1S13-20-XX-2	.146 [3.70]	.118 [3.00] REF	.100 [2.54] REF	.323 [8.20] REF
-03	T-1S13-20-XX-2	.158 [4.00]	.106 [2.70] REF	.100 [2.54] REF	.323 [8.20] REF
-04	T-1S13-20-XX-2	.075 [1.90]	.0902-.010 [2.29±.25] (SEE NOTE 5)	.100 [2.54] REF	.323 [8.20] REF "BEFORE SHEAR"
-05	T-1S13-21-XX-2	.065 [1.65]	.0904-.010 [2.29±.25] (SEE NOTE 5)	.080 [2.03] REF	.323 [8.20] REF "BEFORE SHEAR"
-06	T-1S13-02-XX-2	.126 [3.20]	.192 [4.88] REF	.100 [2.54] REF	.377 [9.58] REF

NOTES:

- | NO. | DESCRIPTION | SUFFIX | T |
|-----|---|--------|------|
| 1. | MAX. ALLOWABLE BOW:
.005 IN/IN [mm/mm] AFTER ASSEMBLY. | -01 | T-1S |
| 2. | MAX. PIN ROTATION IN BODY: 2° | -02 | T-1S |
| 3. | PUSHOUT FORCE SHALL BE 1 lb MIN. | -03 | T-1S |
| 4. | ⊙ REPRESENTS A CRITICAL DIMENSION. | -04 | T-1S |
| 5. | TAIL WILL BE SHEARED ON -.04 & -.05, REFERENCE TABLE 1. | -05 | T-1S |
| 6. | MAX CUT FLASH .010 [.25]. | -06 | T-1S |
| 7. | MAX SHEAR BURR .003 [.08]. | | |
| 8. | ORIENTATE PINS TO PREVENT BANDOLIER MARKS FROM SHOWING IN THE POST AREA.
(SEE TABLE 3) | | |
| 9. | APPROVED FOR WAVE SOLDER APPLICATION ONLY. | | |
| 10. | RETAINING CLIP FOR -.06 LEAD STYLE ONLY. | | |

CRITICAL DIMENSION INSPECTION TABLE	
ASSEMBLY OPERATION	IN-PROCESS INSPECTION
FILL T-1S13	C2*, C3
REPRESS METAL WASHER	C2*
MULTI CUT	C1
* WHERE APPLICABLE	

MATERIAL:
BODIES:
LIQUID CRYSTAL POLYMER
COLOR: BLACK
TERMINALS:
PHOSPHOR BRONZE, ALLOY

EXISPROD/ASSEMBLY/ASM
TMM-ASM

samtec

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PHONE (812) 944-6733 P.O. BOX 1147
CODE 55322

MADE BY: REIDINGER 11-2-90

TMM-1XX-XX-XX-X-XX-XX-XX-2