

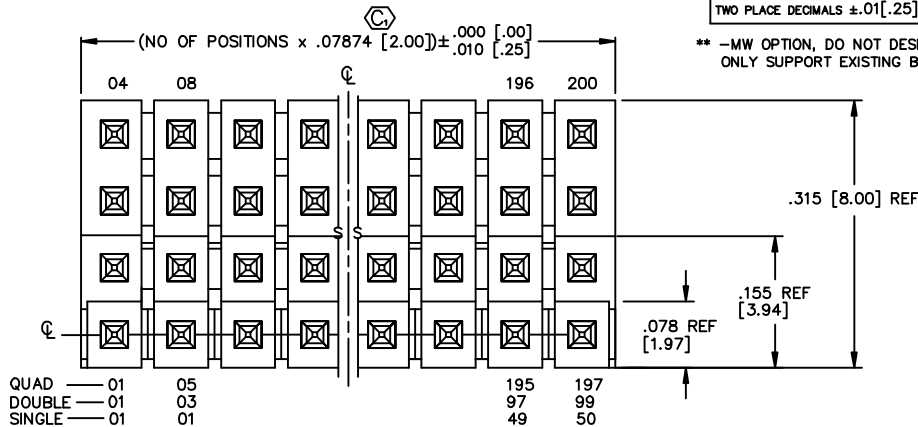
FIG. 1

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED TOLERANCES ARE:  
 ONE PLACE DECIMALS ±.1[.25] THREE PLACE DECIMALS ±.005 [.13]  
 TWO PLACE DECIMALS ±.01[.25] FOUR PLACE DECIMALS ±.0020[.05]  
 ANGLES ± 2°

TITLE: 2mm  
 TERMINAL STRIP  
 ASSEMBLY

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

DO NOT SCALE FROM THIS PRINT



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

TMM-1XX-XX-XX-X-XX-XXX

NO. OF POSITIONS  
 -01 THRU -50

TERMINAL SPEC  
 SEE TABLE 1

OPTION  
 POLARIZATION  
 SPECIFY POS -XXX AS  
 POS TO BE OMITTED

PLATING SPECIFICATION

- G: GOLD, SPECIFY -G IN TERMINAL SUFFIX -X
- T: TIN, SPECIFY -T IN TERMINAL SUFFIX -X
- S: SELECTIVE, SPECIFY -S IN TERMINAL SUFFIX -X
- L: SELECTIVE, SPECIFY -L IN TERMINAL SUFFIX -X
- F: FLASH SELECTIVE GOLD, SPECIFY -F IN TERMINAL SUFFIX -X
- H: HEAVY GOLD, SPECIFY -H IN TERMINAL SUFFIX -X
- SM: HEAVY GOLD SELECTIVE, MATTE TIN TAIL, SPECIFY -S IN TERMINAL SUFFIX -X
- TM: MATTE TIN SPECIFY -T IN TERMINAL SUFFIX -X
- LM: LIGHT GOLD SELECTIVE, MATTE TIN TAIL SPECIFY -L IN TERMINAL SUFFIX -X
- FM: FLASH GOLD SELECTIVE, MATTE TIN TAIL SPECIFY -F IN TERMINAL SUFFIX -X

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

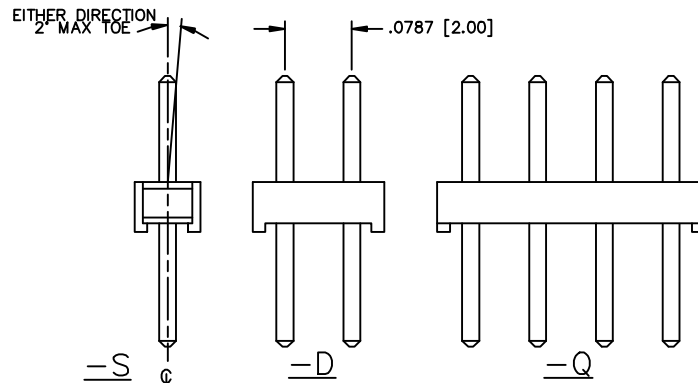
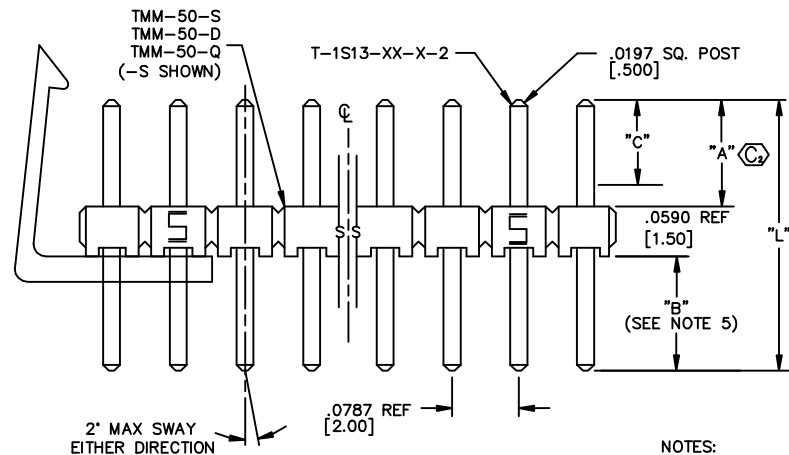


TABLE 1

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]	.090 ± .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]	.090 ± .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:

1. MAX. ALLOWABLE BOW: .005 IN/IN [mm/mm] AFTER ASSEMBLY.
2. MAX. PIN ROTATION IN BODY: 2°
3. PUSHOUT FORCE SHALL BE 1 lb MIN.
4. [C2] REPRESENTS A CRITICAL DIMENSION.
5. TAIL WILL BE SHEARED ON -04 & -05, REFERENCE TABLE 1.
6. MAX CUT FLASH .010 [.25].
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.

PROPRIETARY NOTE

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

**samtec**

EXISPROD\ASSEMBLY\2MM  
 TMM-ASM

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MADE BY: REIDINGER 11-2-90

TMM-1XX-XX-XX-X-XX-XXX  
 SHEET 1 OF 2