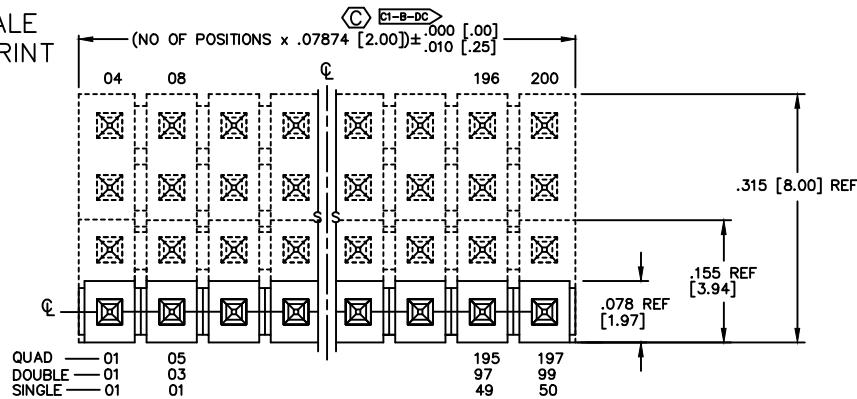


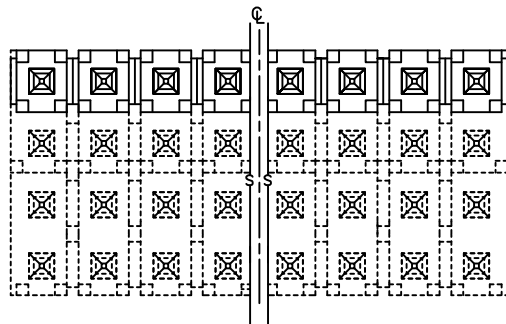
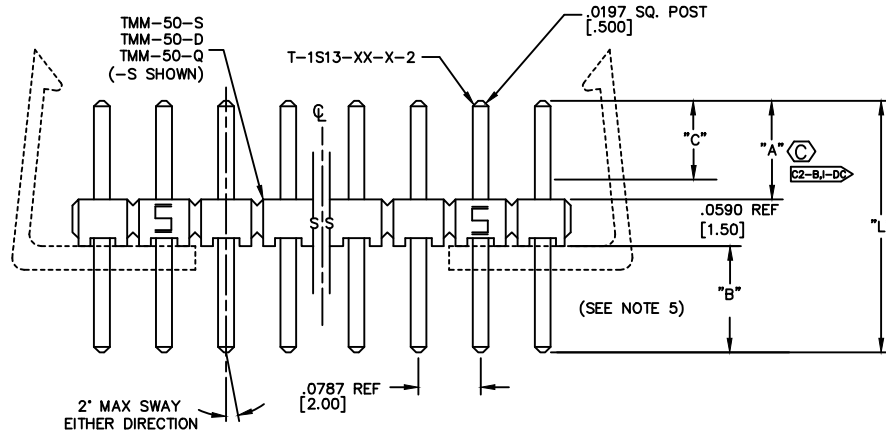
REVISION AW

FIG. 1

DO NOT SCALE FROM THIS PRINT



QUAD — 01 05  
DOUBLE — 01 03  
SINGLE — 01 01



DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED		TOLERANCES ARE:	TITLE: 2mm TERMINAL STRIP ASSEMBLY	DWG NO: TMM-1XX-XX-XX-X-XX-XXX
ONE PLACE DECIMALS ±1[2.5]	THREE PLACE DECIMALS ±.005 [.13]	ANGLES ± 2°		SHEET 1 OF 2
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.

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

NO. OF POSITIONS -01 THRU -50

TERMINAL SPEC SEE TABLE 1

PLATING SPECIFICATION

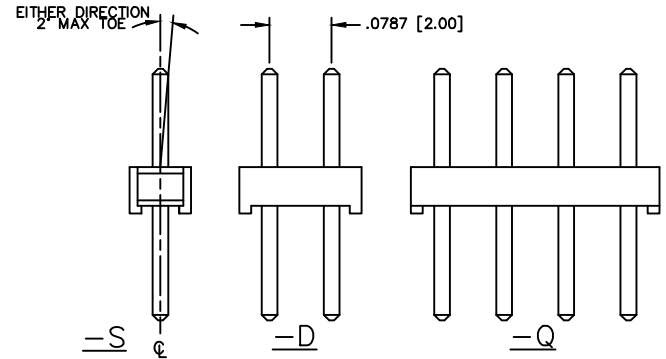
- G: 20µ" GOLD IN THE CONTACT AREA, 3 GOLD ON TAIL
- T: MATTE TIN CONTACT AND TAIL
- S: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- L: 15µ" GOLD IN THE CONTACT AREA, MATTE TIN ON TAIL
- F: 3µ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- H: 30µ" HEAVY GOLD IN CONTACT AREA, 3 ON TAIL
- SM: 30µ" SELECTIVE GOLD IN CONTACT AREA,, MATTE TIN ON TAIL
- TM: MATTE TIN CONTACT AND TAIL
- LM: 15µ" GOLD IN THE CONTACT AREA, MATTE TIN ON TAIL
- FM: 3µ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

OPTION POLARIZATION SPECIFY POS -XXX AS POS TO BE OMITTED

OPTION \*\* -MW: METAL WASHER (-D & -Q BODY SPECS ONLY) (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)



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. (E) 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.

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

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 2MM TMM-ASM

**samtec**

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CODE 55322

MADE BY: REIDINGER 11-2-90

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

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