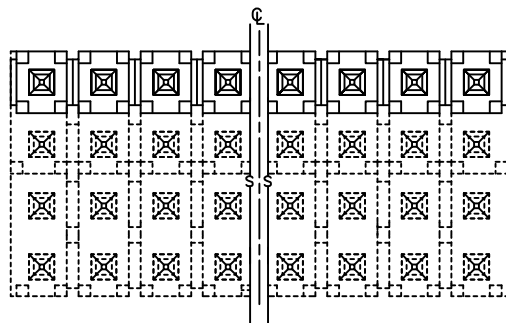
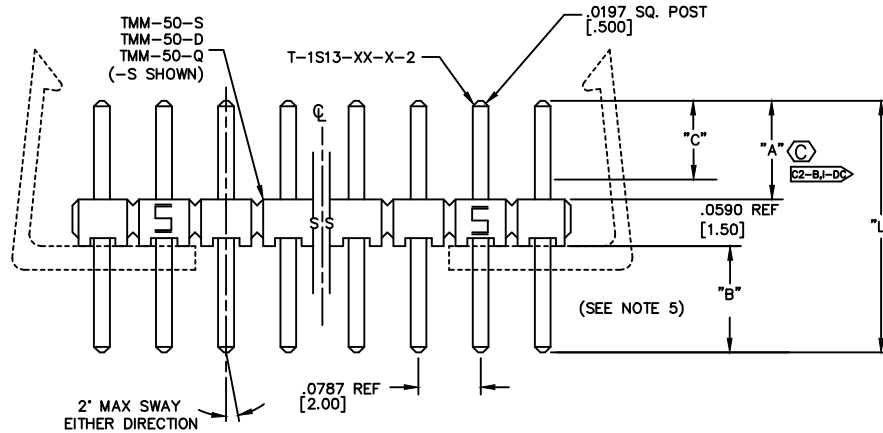
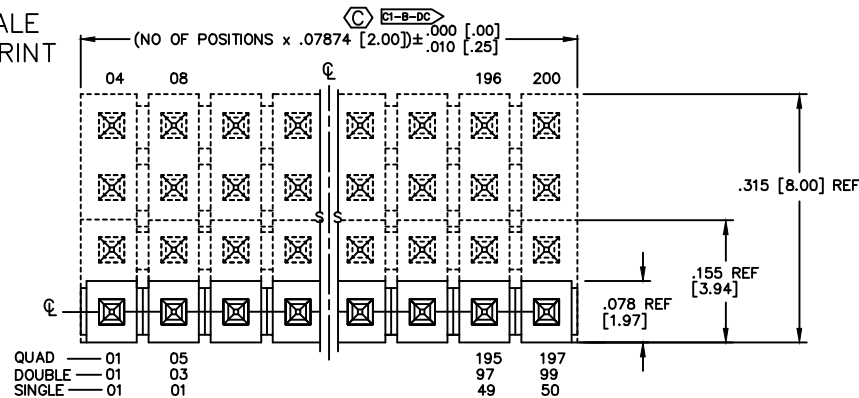


REVISION AW

FIG. 1

DO NOT SCALE
FROM THIS PRINT

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

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

NO. OF POSITIONS
-01 THRU -50TERMINAL SPEC
SEE TABLE 1

PLATING SPECIFICATION

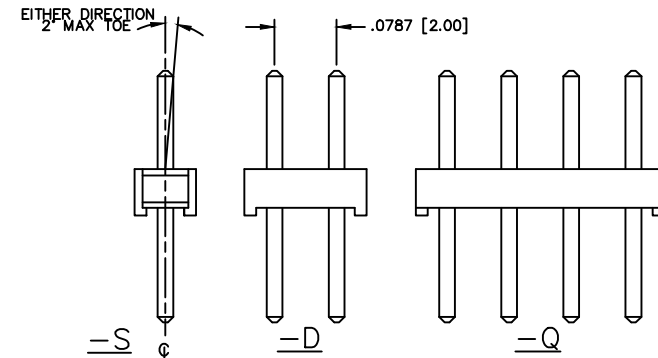
- G: 20μ" GOLD IN THE CONTACT AREA, 3 GOLD ON TAIL
- T: MATTE TIN CONTACT AND TAIL
- S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- L: 15μ" GOLD IN THE CONTACT AREA, MATTE TIN ON TAIL
- F: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- H: 30μ" HEAVY GOLD IN CONTACT AREA, 3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



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. (C) 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.

ES-A-VM



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

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	.085 [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

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC INC. AND SHALL NOT BE
REPRODUCED OR TRANSMITTED IN
ANY FORM OR BY ANY MEANS
ELECTRONIC OR MECHANICAL,
INCLUDING PHOTOCOPYING, RECORDING,
OR BY ANY INFORMATION STORAGE
AND RETRIEVAL SYSTEM, WITHOUT
THE WRITTEN CONSENT OF SAMTEC INC.

EXISPROD/ASSEMBLY/2MM
TMM-ASM

samtec

520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-6733 P.O. BOX 1147
CODE 55322

MADE BY: REIDINGER 11-2-90

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