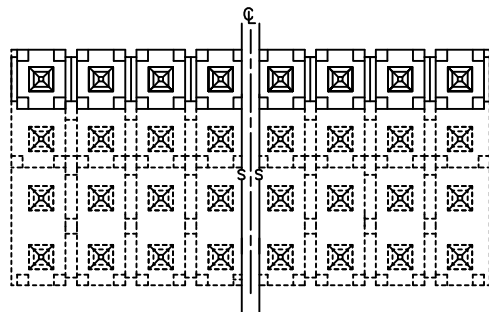
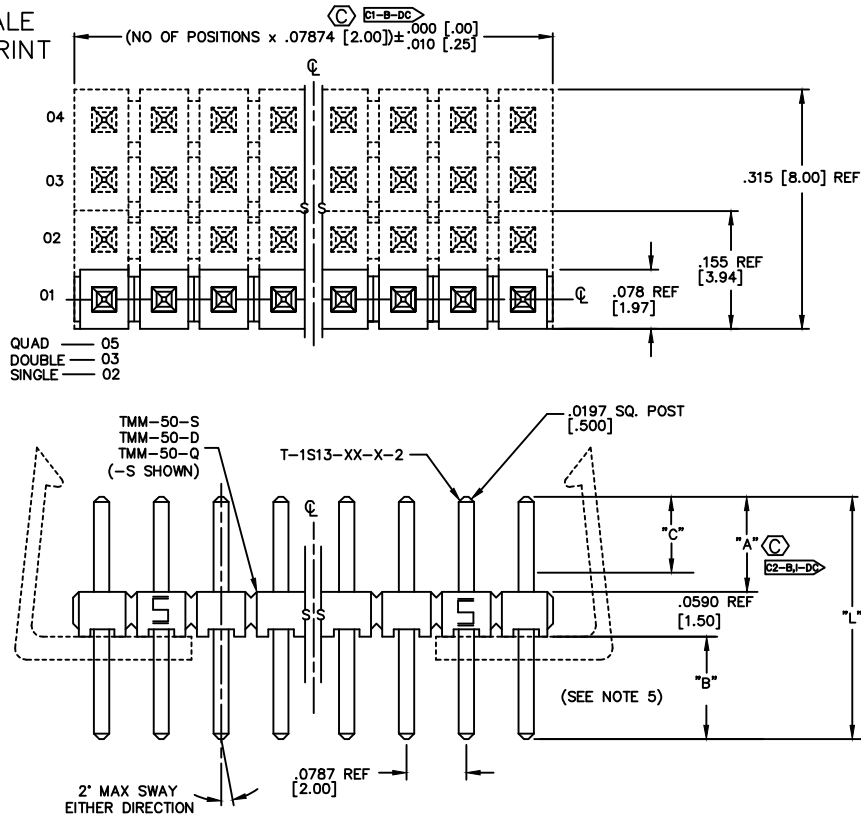


REVISION AY

FIG. 1

DO NOT SCALE
FROM THIS PRINT

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

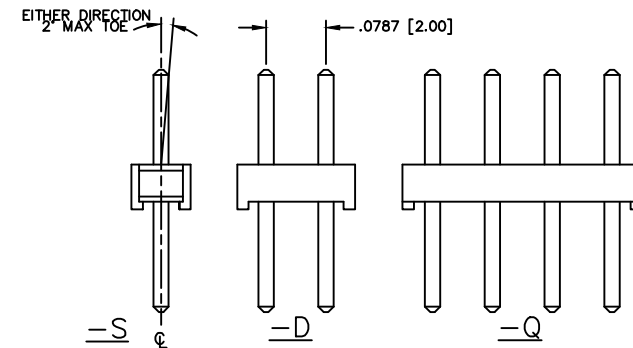
PLATING SPECIFICATION

- 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: 10μ" 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: 10μ" 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:

- MAX. ALLOWABLE BOW:
.005 IN/IN [mm/mm] AFTER ASSEMBLY.
- MAX. PIN ROTATION IN BODY: 2°
- PUSHOUT FORCE SHALL BE 1 lb MIN.
- ⊙ REPRESENTS A CRITICAL DIMENSION.
- TAIL WILL BE SHEARED ON -04 & -05,
REFERENCE TABLE 1.
- MAX CUT FLASH .010 [.25].
- MAX SHEAR BURR .003 [.08].
- ⊙ 8. ORIENTATE PINS TO PREVENT BANDOLIER
MARKS FROM SHOWING IN THE POST AREA.
(SEE TABLE 3)
- APPROVED FOR WAVE SOLDER APPLICATION ONLY.
- RETAINING CLIP FOR -06 LEAD STYLE ONLY.

⊙ 8. ORIENTATE PINS TO PREVENT BANDOLIER MARKS FROM SHOWING IN THE POST AREA. (SEE TABLE 3)

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

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

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AND RETRIEVAL SYSTEM, WITHOUT
THE WRITTEN CONSENT OF SAMTEC INC.

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

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