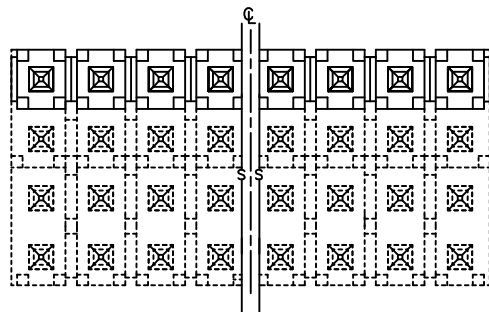
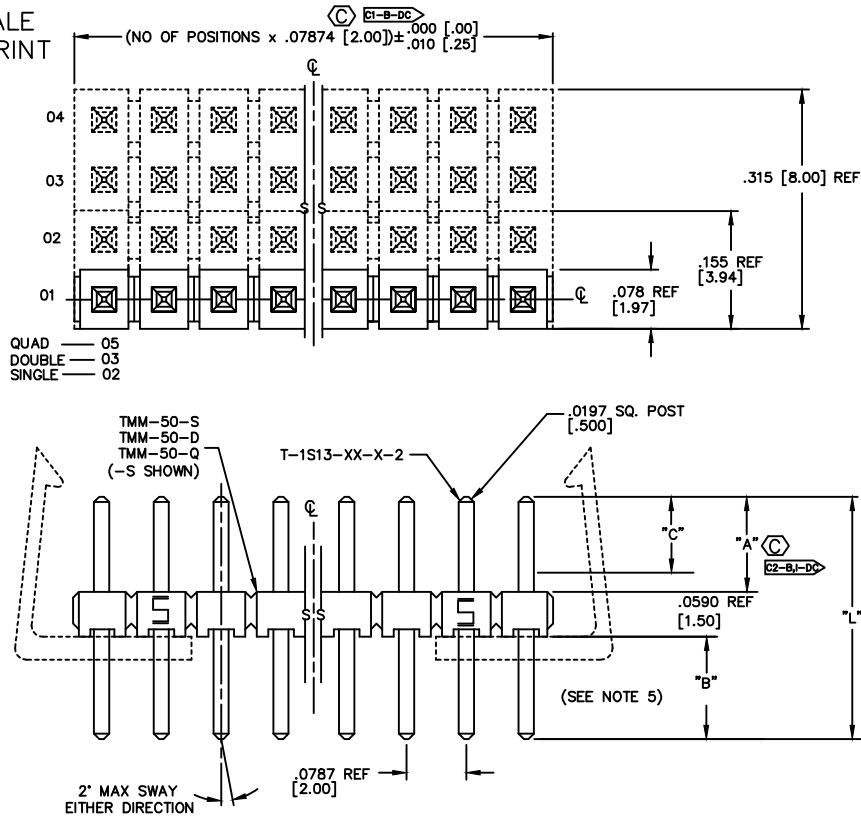


REVISION AY

FIG. 1

DO NOT SCALE  
FROM THIS PRINT

| DIMENSIONS ARE IN INCHES<br>UNLESS OTHERWISE NOTED |                                  |             | TOLERANCES ARE: | TITLE: 2mm<br>TERMINAL STRIP<br>ASSEMBLY | DWG NO:                |
|----------------------------------------------------|----------------------------------|-------------|-----------------|------------------------------------------|------------------------|
| ONE PLACE DECIMALS ±.1[2.5]                        | THREE PLACE DECIMALS ±.005 [.13] | ANGLES ± 2° |                 |                                          | TMM-1XX-XX-XX-X-XX-XXX |
| TWO PLACE DECIMALS ±.01[.25]                       | FOUR PLACE DECIMALS ±.0020[.05]  |             |                 |                                          | SHEET 1 OF 2           |

\*\* -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

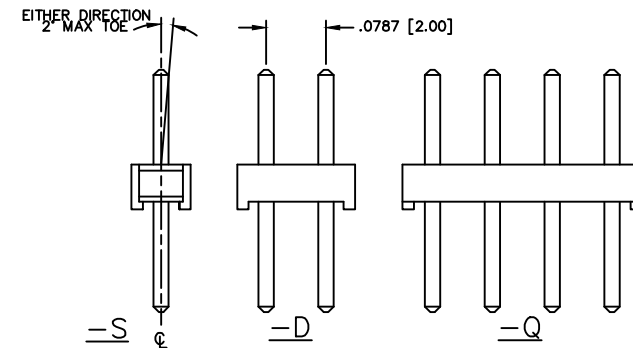
## PLATING SPECIFICATION

- 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.

⊙ 8.3-A-YM

| 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<br>"A" IN. [MM] | TAIL<br>"B" IN. [MM]                    | CONTACT AREA<br>"C" IN. [MM] | STRAIGHT "L"<br>(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<br>[2.29±.25]<br>(SEE NOTE 5) | .100 [2.54] REF              | .323 [8.20] REF<br>"BEFORE SHEAR" |
| -05     | T-1S13-21-XX-2 | .065 [1.65]          | .090±.010<br>[2.29±.25]<br>(SEE NOTE 5) | .080 [2.03] REF              | .323 [8.20] REF<br>"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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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