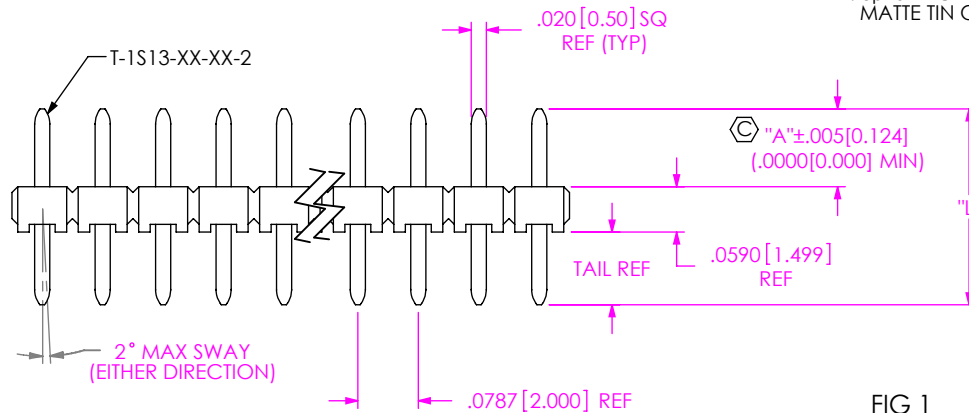
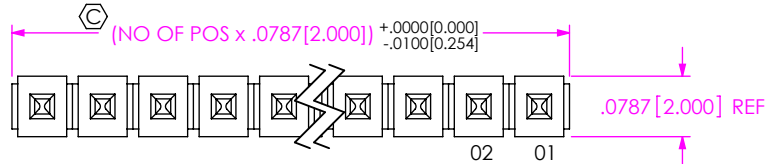


DO NOT
SCALE FROM
THIS PRINT

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. MAXIMUM ALLOWABLE BOW: 0.005[.13] IN/IN AFTER ASSEMBLY.
3. MAXIMUM PIN ROTATION IN BODY: 2°
4. MINIMUM PUSHOUT FORCE: 1LB
5. CUT PARTS WITH METAL WASHERS TOWARDS OPERATOR ALLOWING FLASH TO BE ON POST AWAY FROM CRITICAL AREA (METAL WASHERS).
6. INSERT PINS SO THAT BANDOLIER MARKS ARE LIMITED IN THE POST AREA (SEE TABLE 3).



MTMM-1XX-XX-XX-X-XXX-XX-XXX

No OF POSITIONS

-01 THRU -50

TERMINAL SPEC

LEAD STYLE (SEE TABLE 1)

PLATING SPECIFICATION

- G: 20μ" SELECTIVE GOLD IN CONTACT AREA, 3μ" SELECTIVE GOLD ON TAIL.
- T: MATTE TIN ON CONTACT AND TAIL.
- S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
- L: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
- F: 3μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
- H: 30μ" SELECTIVE GOLD IN CONTACT AREA, 3μ" SELECTIVE GOLD ON TAIL.
- SM: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
- TM: MATTE TIN ON CONTACT AND TAIL.
- LM: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
- FM: 3μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.

OPTION

POLARIZATION
SPECIFY POS -XXX TO BE OMITTED

OPTION

** -MW: METAL WASHER
(-D & -Q BODY SPECS ONLY)
(SEE FIG 4, SHT 2)
(30 POS PER ROW MAX)
TAIL MUST BE .090[2.29] - .300[7.62]

POST HEIGHT

XXX = "A" (SEE TABLE 1)

BODY SPECIFICATION

- S: SINGLE (TMM-50-S, SEE FIG 1)
- D: DOUBLE (TMM-50-D, SEE FIG 2, SHT 2)
- Q: QUAD (TMM-50-Q, SEE FIG 3, SHT 2)

** -MW OPTION, DO NOT DESIGN IN. SAMTEC WILL
ONLY SUPPORT EXISTING BUSINESS 02/08/2002

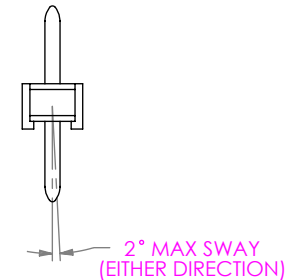


FIG 1
-S: SINGLE ROW OPTION
MTMM-1XX-02-XX-S-100 SHOWN

TABLE 1

| LEAD STYLE | "A" MAX | PIN LENGTH "L" | TERMINAL |
|------------|---------------|----------------|----------------|
| -02 | 0.196 [4.98] | 0.255 [6.48] | T-1S13-04-XX-2 |
| -03 | 0.243 [6.17] | 0.302 [7.67] | T-1S13-07-XX-2 |
| -04 | 0.264 [6.71] | 0.323 [8.20] | T-1S13-20-XX-2 |
| -05 | 0.318 [8.08] | 0.377 [9.58] | T-1S13-02-XX-2 |
| -06 | 0.338 [8.59] | 0.397 [10.08] | T-1S13-05-XX-2 |
| *-07 | 0.397 [10.08] | 0.456 [11.58] | T-1S13-13-XX-2 |
| -08 | 0.417 [10.59] | 0.476 [12.09] | T-1S13-08-XX-2 |
| -09 | 0.476 [12.09] | 0.535 [13.59] | T-1S13-03-XX-2 |
| -10 | 0.496 [12.60] | 0.555 [14.10] | T-1S13-06-XX-2 |
| -11 | 0.535 [13.59] | 0.594 [15.09] | T-1S13-09-XX-2 |
| -12 | 0.555 [14.10] | 0.614 [15.60] | T-1S13-14-XX-2 |
| -13 | 0.614 [15.60] | 0.673 [17.09] | T-1S13-10-XX-2 |
| -14 | 0.692 [17.58] | 0.751 [19.08] | T-1S13-11-XX-2 |
| -15 | 0.771 [19.58] | 0.830 [21.08] | T-1S13-12-XX-2 |

"A" MAX = "L" - .059[1.50] (BODY) TAIL CAN BE .000

*FOR MTMM-1XX-07-X-X-275, USE T-1S13-32-XXX-2

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
.XX: ±.01 [0.3] 2°
.XXX: ±.005 [0.13]
.XXXX: ±.0020 [0.051]

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MATERIAL: DO NOT SCALE DRAWING
INSULATOR: LCP, UL 94 VO, COLOR: BLACK
TERMINAL: PHOS BRONZE

SHEET SCALE: 4:1

samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:

2MM TERMINAL STRIP ASSEMBLY

DWG. NO.

MTMM-1XX-XX-XX-X-XXX-XX-XXX

BY: REIDINGER 12/01/1993 SHEET 1 OF 2

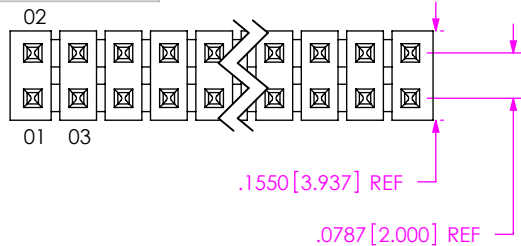


FIG 2
-D: DOUBLE ROW OPTION
MTMM-1XX-02-XX-D-100 SHOWN
(SAME AS FIG 1, DIFFERENT AS SHOWN)

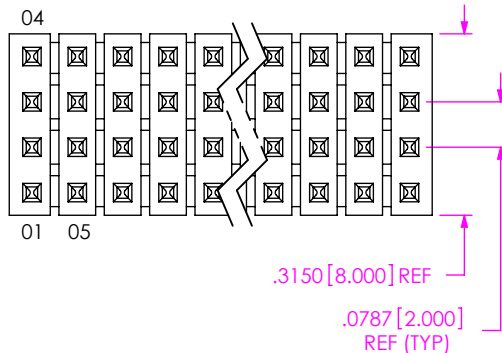


FIG 3
-Q: QUAD ROW OPTION
MTMM-1XX-02-XX-Q-100 SHOWN
(SAME AS FIG 1, DIFFERENT AS SHOWN)

| PACKAGING TABLE 2 FOR -MW OPTION ONLY | | | |
|---------------------------------------|-------------------------|---------------|-----------|
| BODY SPECIFICATION | LEAD STYLE | PKG TUBE | TUBE PLUG |
| -D | -02, -03, -04, -05, -06 | PT-1-24-02-17 | TP-09 |
| | -07, -08, -09, -10, | PT-1-24-03-75 | TP-03 |
| | -11, -12, -13, -14 | PT-1-24-02-48 | TP-03 |
| | -15 | PT-1-24-02-47 | TP-03 |
| -Q | -02, -03, -04, -05, -06 | PT-1-24-02-17 | TP-09 |
| | 07, -08, -09 | PT-1-24-01-40 | TP-24 |
| | -10, -11 | PT-1-24-02-29 | TP-24 |
| | -12, -13, -14, -15 | PT-1-24-02-51 | TP-07 |

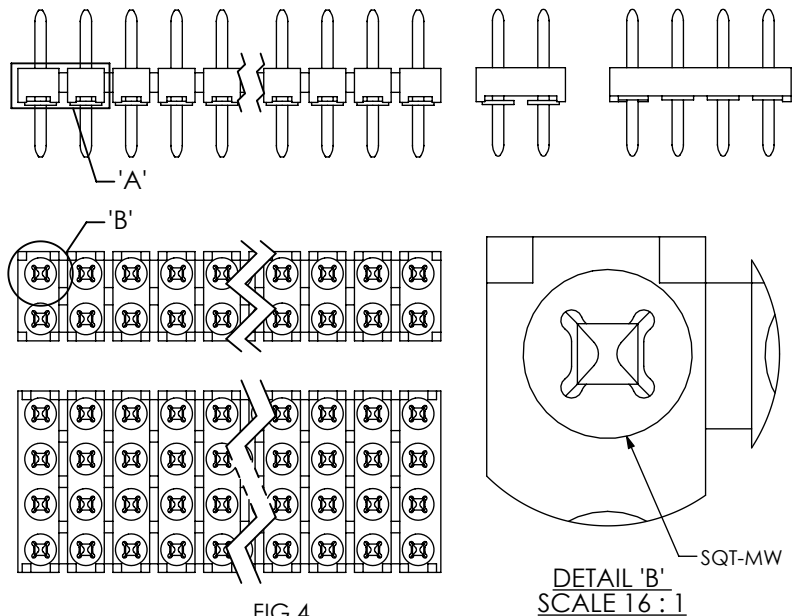
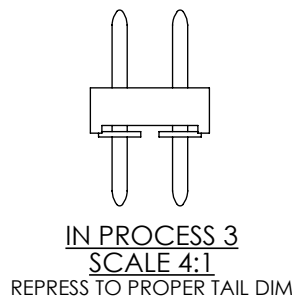
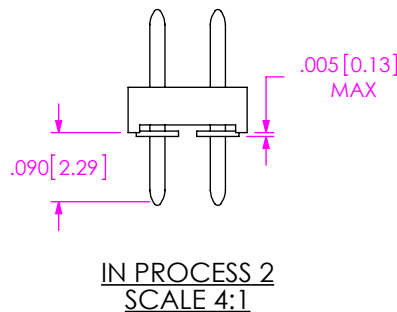
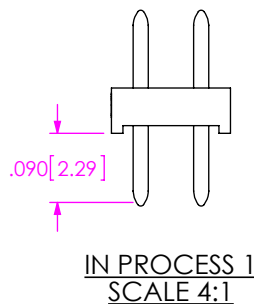
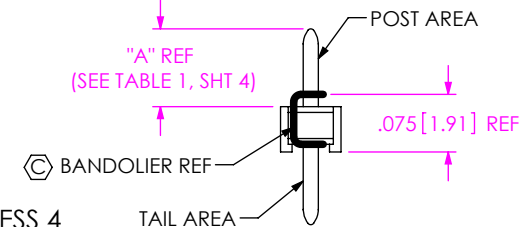


FIG 4
-MW: METAL WASHER OPTION
MTMM-1XX-02-XX-X-100-MW SHOWN
(ONE PER POSITION)
(-D & -Q BODY SPEC ONLY, SEE NOTE 5)
(SAME AS FIG 1, DIFFERENT AS SHOWN)
** -MW OPTION, DO NOT DESIGN IN. SAMTEC WILL
ONLY SUPPORT EXISTING BUSINESS 02/08/2002



| TABLE 3 (-T PLATING ONLY) | | | | |
|---|-------|-------|-------|-------|
| MAX NUMBER OF BAND MARKS ALLOWED IN THE POST AREA | | | | |
| LEAD STYLE | PIN A | PIN B | PIN C | PIN D |
| -02 | 1 | 1 | 1 | 1 |
| -03 | 2 | 2 | 2 | 2 |
| -04 | 2 | 2 | 2 | 2 |
| -05 | 2 | 2 | 2 | 2 |
| -06 | 2 | 2 | 2 | 2 |
| -07 | 2 | 2 | 2 | 2 |
| -08 | 2 | 2 | 2 | 2 |
| -09 | 2 | 2 | 2 | 2 |
| -10 | 2 | 2 | 2 | 2 |
| -11 | 2 | 2 | 2 | 2 |
| -12 | 2 | 2 | 2 | 2 |
| *-13 | 2 | 2 | 2 | 2 |
| *-14 | 2 | 2 | 2 | 2 |
| -15 | 2 | 2 | 2 | 2 |

* = PINS TO BE FLIPPED OPPOSITE OF
SELECTIVE PLATING BEFORE BEING INSERTED



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e-Mail info@SAMTEC.com code 55322

DESCRIPTION: 2MM TERMINAL STRIP ASSEMBLY

DWG. NO. MTMM-1XX-XX-XX-X-XXX-XX-XXX

BY: REIDINGER 12/01/1993 SHEET 2 OF 2