

DO NOT
SCALE FROM
THIS PRINT

NOTES:

- ① CIRCLE 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).

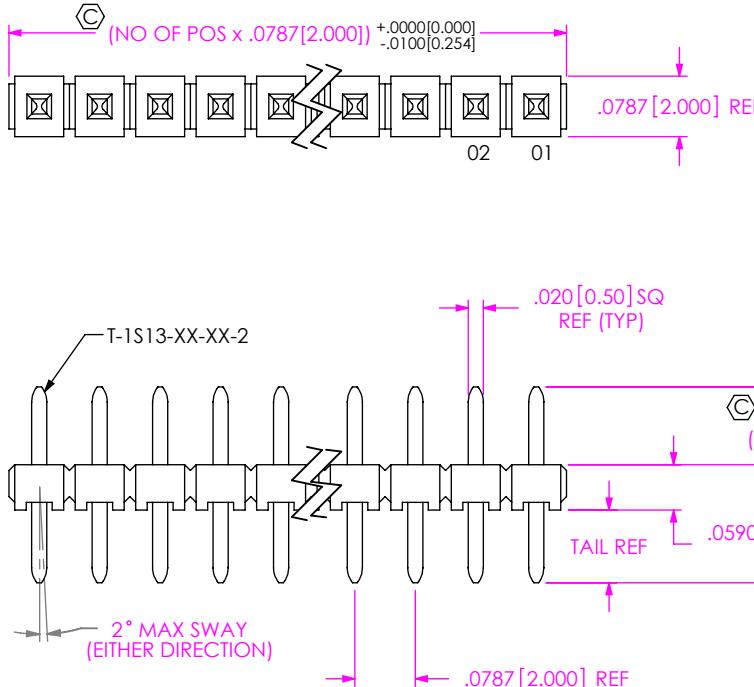


TABLE 1			
LEAD STYLE	"A" MAX	PIN LENGTH "L"	TERMINAL
-02	0.196 [4.98]	0.255 [6.48]	T-1S13-04-XX-2
-03	0.243 [6.17]	0.302 [7.67]	T-1S13-07-XX-2
-04	0.264 [6.71]	0.323 [8.20]	T-1S13-20-XX-2
-05	0.318 [8.08]	0.377 [9.58]	T-1S13-02-XX-2
-06	0.338 [8.59]	0.397 [10.08]	T-1S13-05-XX-2
*-07	0.397 [10.08]	0.456 [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

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.

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

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)

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

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

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

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

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC, INC. AND SHALL NOT BE REPRODUCED
OR TRANSFERRED TO OTHER DOCUMENTS OR
DISCLOSED TO OTHERS OR USED FOR ANY
PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED WRITTEN
CONSENT OF SAMTEC, INC.

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

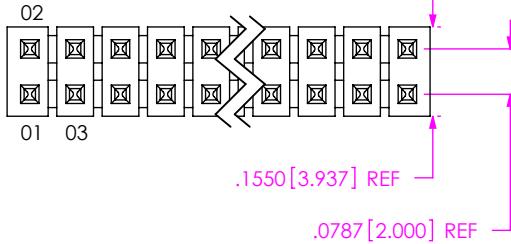


FIG 2
-D: DOUBLE ROW OPTION
MTMM-1XX-02-XX-D-100 SHOWN
(SAME AS FIG 1, DIFFERENT AS SHOWN)

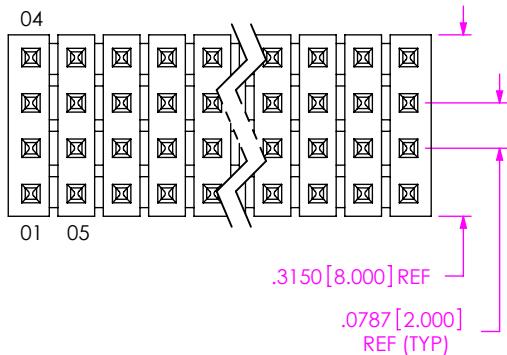


FIG 3
-Q: QUAD ROW OPTION
MTMM-1XX-02-XX-Q-100 SHOWN
(SAME AS FIG 1, DIFFERENT AS SHOWN)

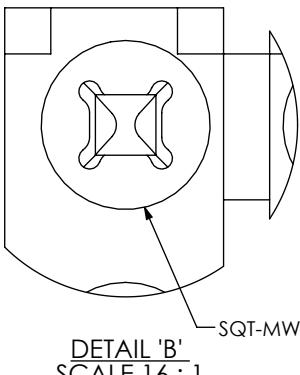
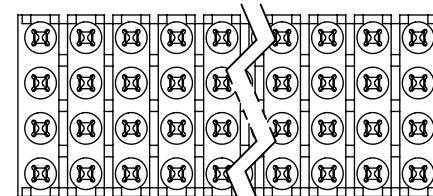
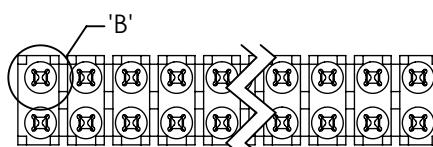
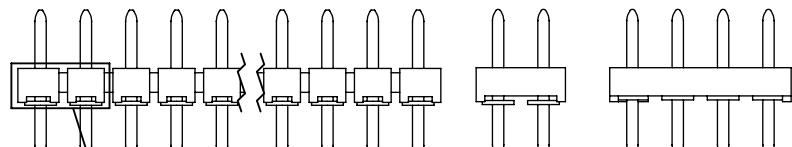
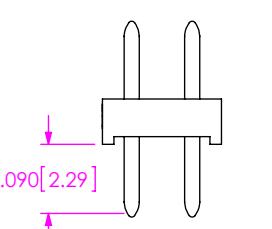
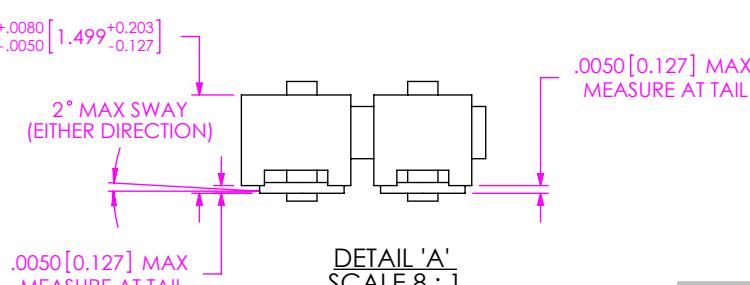
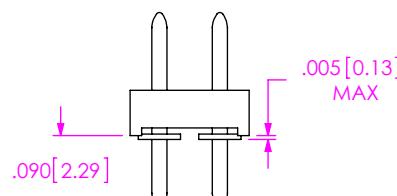


FIG 4
-MW: METAL WASHER OPTION
MTMM-1XX-02-XX-X-100-MW SHOWN
(ONE PER POSITION)
(-D & -Q PODY SPEC ONLY, SEE NOTE 5)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

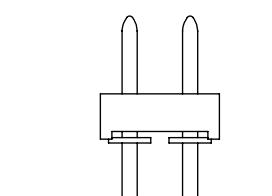
** -MW OPTION, DO NOT DESIGN IN. SAMTEC WILL
ONLY SUPPORT EXISTING BUSINESS 02/08/2002



IN PROCESS 1
SCALE 4:1



IN PROCESS 2
SCALE 4:1

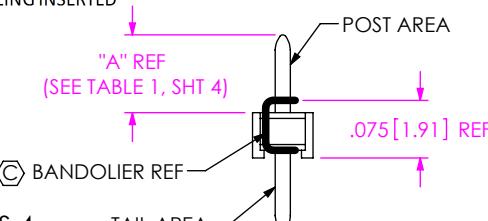


IN PROCESS 3
SCALE 4:1
REPRESS TO PROPER TAIL DIM

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

	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



IN PROCESS 4
(-T PLATING ONLY)
(SEE NOTE 6 & TABLE 3)

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC, INC. AND SHALL NOT BE REPRODUCED
OR TRANSFERRED TO OTHER DOCUMENTS OR
DISCLOSED TO OTHERS OR USED FOR ANY
PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED WRITTEN
CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 3:1

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 2 OF 2