

NOTES:

1. $\text{\textcircled{C}}$ REPRESENTS A CRITICAL DIMENSION.
2. MAXIMUM ALLOWABLE BOW: 0.005 [0.13] 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. $\text{\textcircled{C}}$ INSERT PINS SO THAT BANDOLIERS MARKS ARE LIMITED IN THE POST AREA (SEE TABLE 3).

DO NOT SCALE FROM THIS PRINT

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

No OF POSITIONS

-01 THRU -50

TERMINAL SPEC

LEAD STYLE (SEE TABLE 1)

PLATING SPECIFICATION

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

OPTION

POLARIZATION
SPECIFY POS -XXX TO BE OMITTED

OPTION

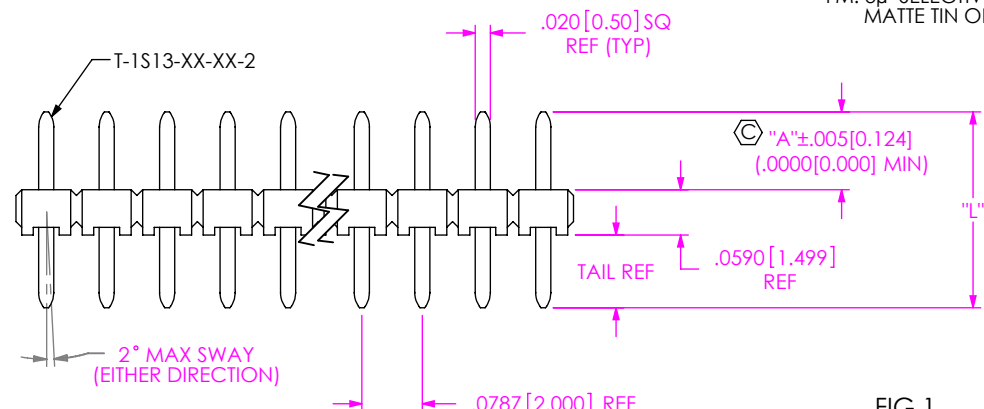
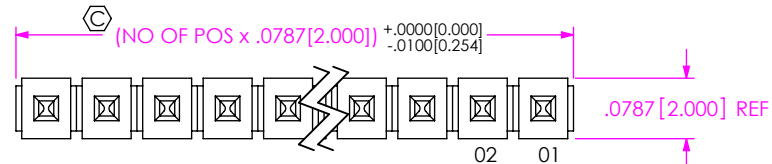
**_MW: METAL WASHER
(-D & -Q BODY SPECS ONLY)
(SEE FIG 4, SHT 2)
(30 POS PER ROW MAX)
TAIL MUST BE .090 [2.29] - .300 [7.62]

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

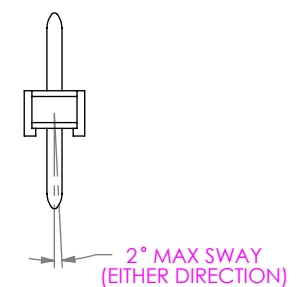


FIG 1
-S: SINGLE ROW OPTION
MTMM-1XX-02-XX-S-100 SHOWN

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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DESCRIPTION:
2MM TERMINAL STRIP ASSEMBLY

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

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

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 4:1
INSULATOR: LCP, UL 94 VO, COLOR: BLACK
TERMINAL: PHOS BRONZE

REVISION AG

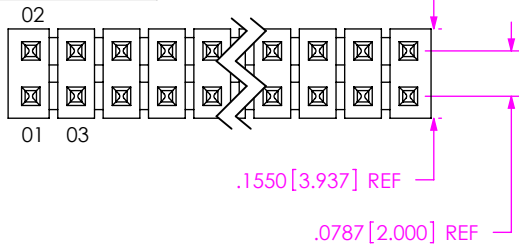


FIG 2
-D: DOUBLE ROW OPTION
MTMM-1XX-02-XX-D-100 SHOWN
(SAME AS FIG 1, DIFFERENT AS SHOWN)

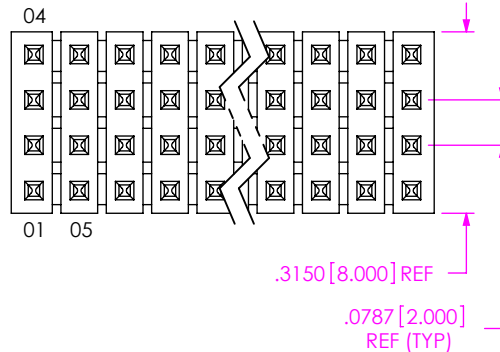


FIG 3
-Q: QUAD ROW OPTION
MTMM-1XX-02-XX-Q-100 SHOWN
(SAME AS FIG 1, DIFFERENT AS SHOWN)

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
-Q	-15	PT-1-24-02-47	TP-03
	-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

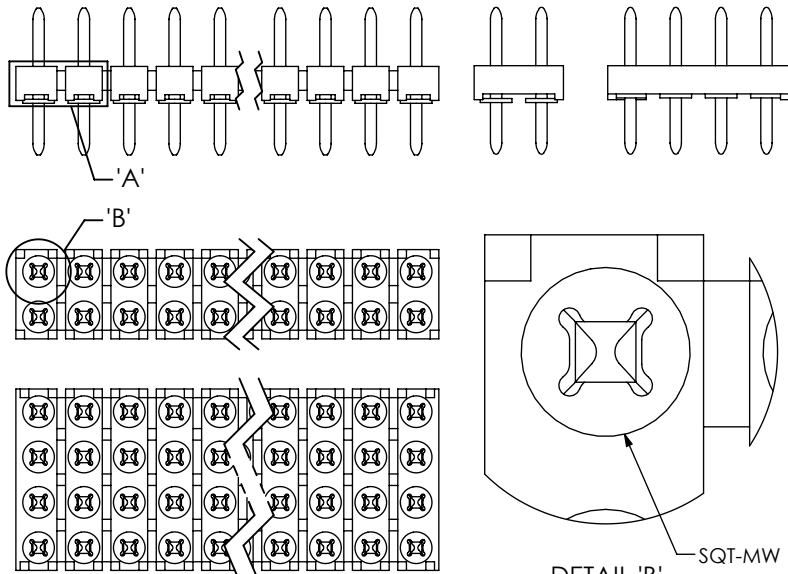
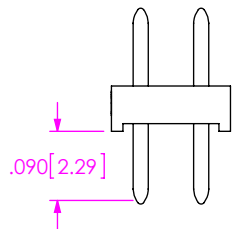
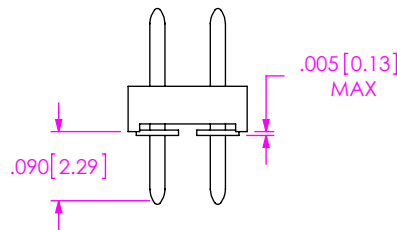


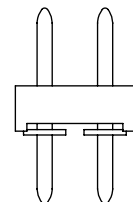
FIG 4
-MW: METAL WASHER OPTION
MTMM-1XX-02-XX-X-100-MW SHOWN
(ONE PER POSITION)
(-D & -Q BODY SPEC ONLY, SEE NOTE 5)
(SAME AS FIG 1, DIFFERENT AS SHOWN)
** -MW OPTION, DO NOT DESIGN IN. SAMTEC WILL ONLY SUPPORT EXISTING BUSINESS 02/08/2002



IN PROCESS 1
SCALE 4:1



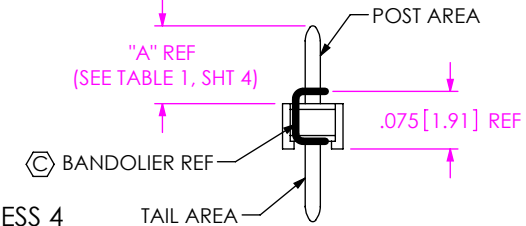
IN PROCESS 2
SCALE 4:1



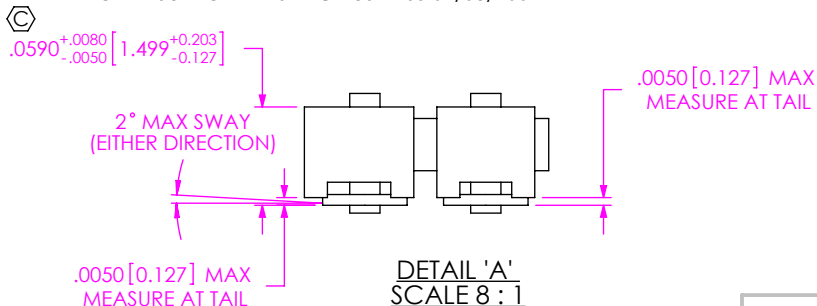
IN PROCESS 3
SCALE 4:1
REPRESS TO PROPER TAIL DIM

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



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



DETAIL 'A'
SCALE 8:1

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SHEET SCALE: 3:1



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DESCRIPTION: 2MM TERMINAL STRIP ASSEMBLY

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

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

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