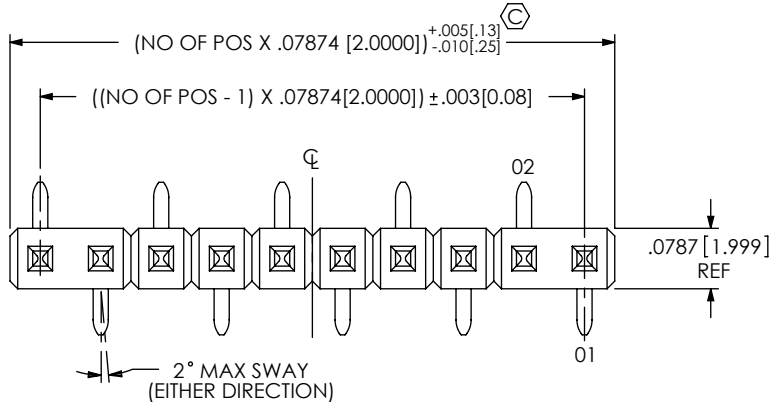


DO NOT  
SCALE FROM  
THIS PRINT



MMT-1XX-XX-X-XV-XX-XX-XX

**No OF POSITIONS**  
-02 THRU -36  
(PER ROW)

**LEAD STYLE**  
SEE TABLE 1

**PLATING SPECIFICATION**  
-T: MATTE TIN 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

**BODY SPECIFICATION**  
-SV: SINGLE (USE 2TS-XX-SV-X)  
-DV: DOUBLE (USE 2TS-XX-D-X)

**OPTION**  
-P: PICK & PLACE PAD  
(SEE FIG 6, SHT 3)  
-TR: TAPE & REEL

**OPTION**  
POLARIZED (SPECIFY POS -XX AS POS TO BE OMITTED)

**OPTION**  
-LC: LOCKING CLIP (SEE NOTE 5)  
(USE LC-05-TM; SEE FIG 4 & 5, SHT 3)  
-A: ALIGNMENT PIN  
(SEE FIG 3, SHT 2)  
(FOR -DV USE 2TS-XX-DV-A)  
(FOR -SV USE 2TS-XX-SV-A)

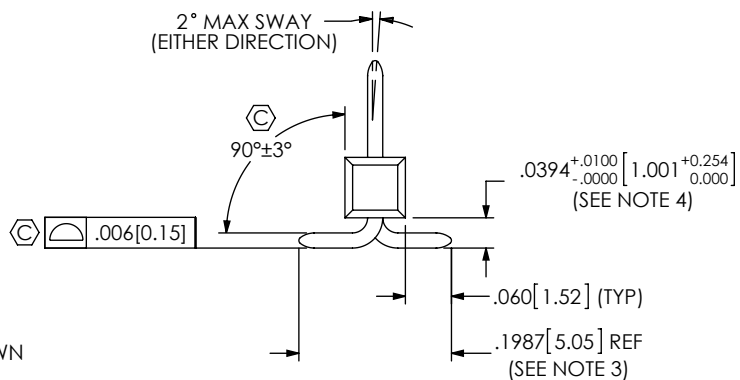
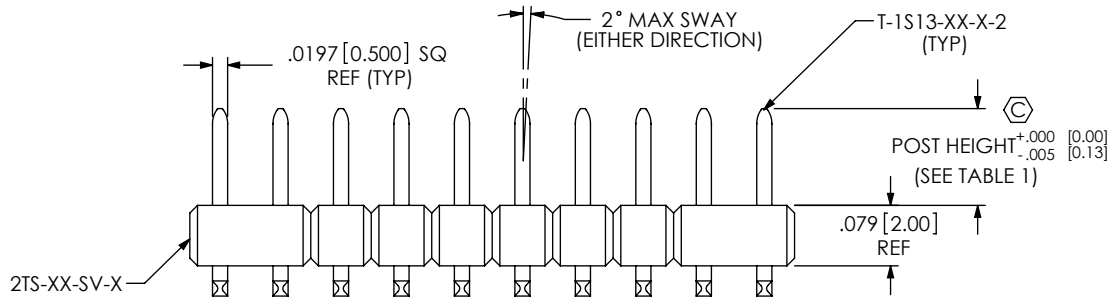


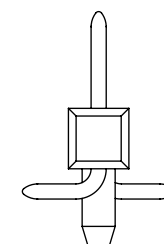
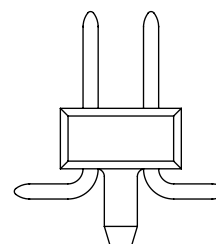
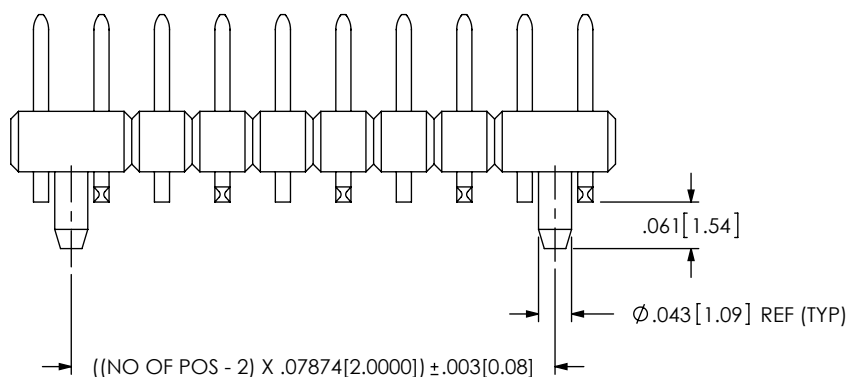
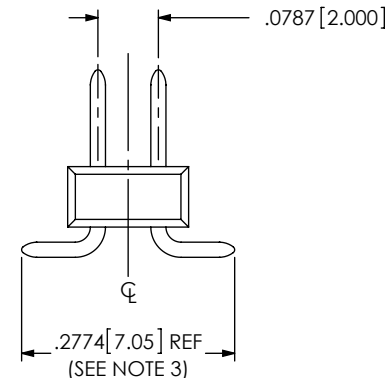
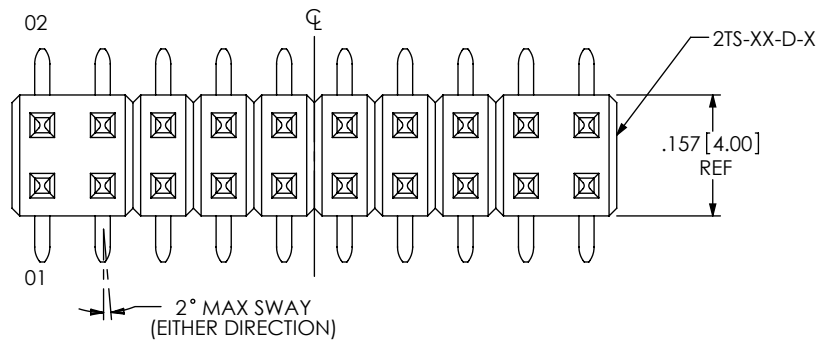
FIG 1  
MMT-110-01-X-SV SHOWN

| TABLE 1    |               |                |             |
|------------|---------------|----------------|-------------|
| LEAD STYLE | PIN           | OVERALL LENGTH | POST HEIGHT |
| -01        | T-1S13-20-X-2 | .323 [8.20]    | .126 [3.20] |
| -02        | T-1S13-20-X-2 | .323 [8.20]    | .075 [1.91] |

NOTES:

1.  $\odot$  REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: 2 LB
3. TAILS WILL BE SHEARED ON -02 LEAD STYLE.
4. MEASURED FROM BEND.
5. DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE -LC OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT. SAMTEC RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -LC OPTION.

|                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.<br>TOLERANCES ARE:<br>DECIMALS      ANGLES<br>.XX: $\pm .01 [0.3]$ $2^\circ$<br>.XXX: $\pm .005 [0.13]$<br>.XXXX: $\pm .0020 [0.051]$ |  | <b>PROPRIETARY NOTE</b><br>THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC. |  |
| <b>MATERIAL:</b> DO NOT SCALE DRAWING<br>INSULATOR: LCP, UL 94 VO, COLOR: BLACK<br>TERMINAL: PHOS BRONZE                                                                                    |  | <b>DESCRIPTION:</b><br>2 mm TERMINAL SV/DV                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| DWG. NO.<br>MMT-1XX-XX-X-XV-XX-XX-XX                                                                                                                                                        |  | BY: GREG R      06/22/1992      SHEET 1 OF 3                                                                                                                                                                                                                                                                                                                                                                                                       |  |



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SHEET SCALE: 4:1

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PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail info@SAMTEC.com code 55322

DESCRIPTION:  
2 mm TERMINAL SV/DV

DWG. NO.  
**MMT-1XX-XX-X-XV-XX-XX-XX**

BY: GREG R 06/22/1992 SHEET 2 OF 3

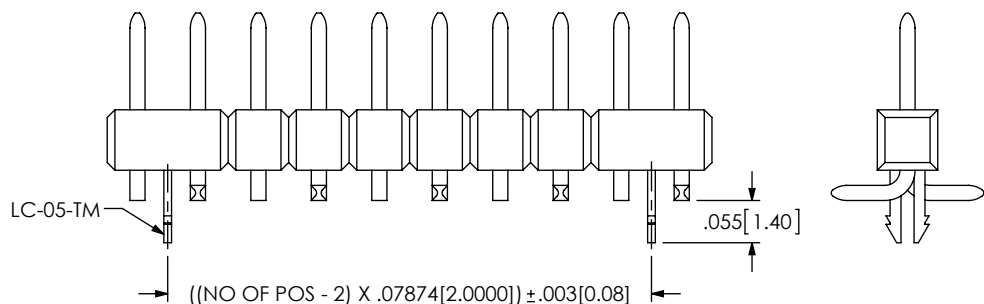


FIG 4  
-LC: LOCKING CLIP  
MMT-110-01-X-SV-LC SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

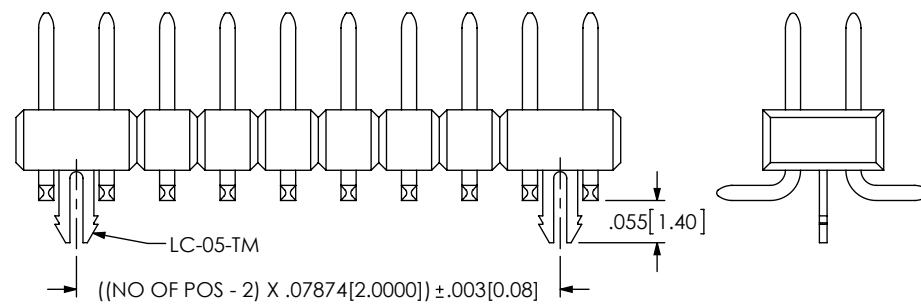


FIG 5  
-LC: LOCKING CLIP  
MMT-110-01-X-DV-LC SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

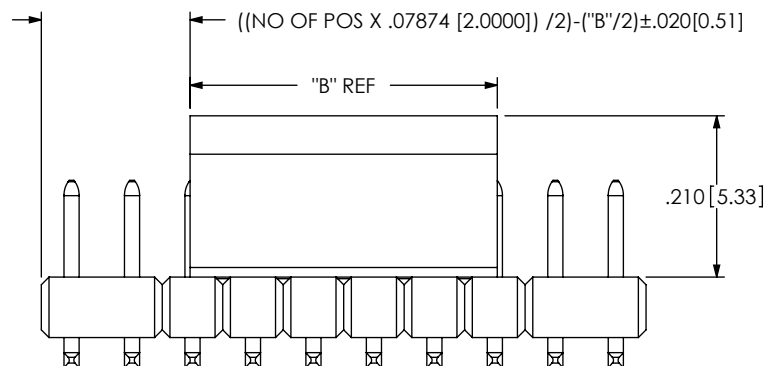


FIG 6  
-P: PICK & PLACE PAD OPTION  
MMT-110-01-X-XV-P SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

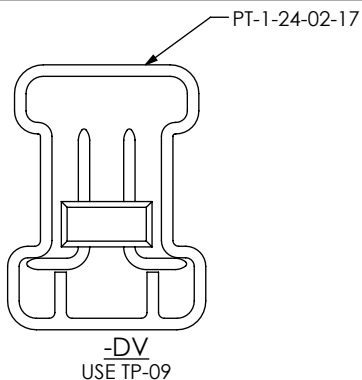
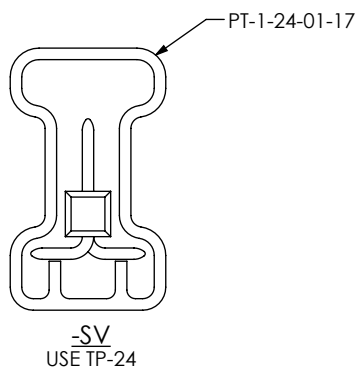
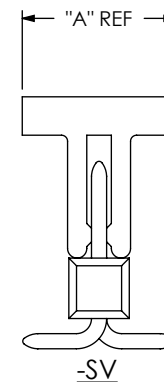
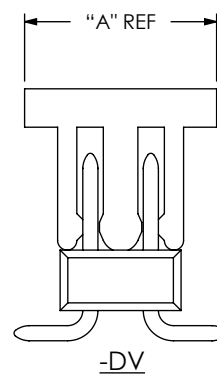


FIG 7  
PACKAGING VIEW

| TABLE 2 |           |        |             |              |
|---------|-----------|--------|-------------|--------------|
| BODY    | POSITION  | PAD    | "A"         | "B"          |
| DV      | 2 THRU 7  | PPP-28 | .197 [5.00] | .315 [8.00]  |
| DV      | 8 THRU 36 | PPP-10 | .250 [6.35] | .400 [10.16] |
| SV      | ALL       | PPP-11 | .200 [5.08] | .400 [10.16] |

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SHEET SCALE: 2:1

**samtec**

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PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:  
2 mm TERMINAL SV/DV

DWG. NO.  
**MMT-1XX-XX-X-XV-XX-XX-XX**

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