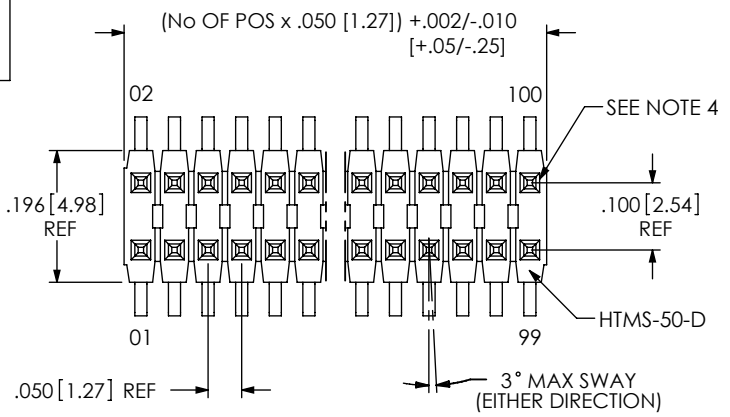


DO NOT SCALE FROM THIS PRINT



No OF POSITIONS  
-02 THRU -50  
(PER ROW)

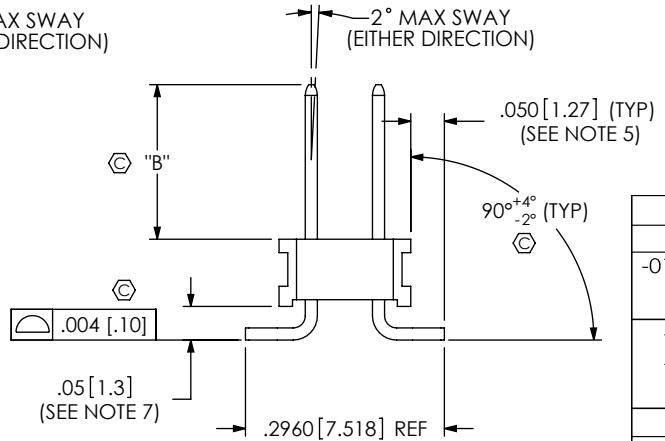
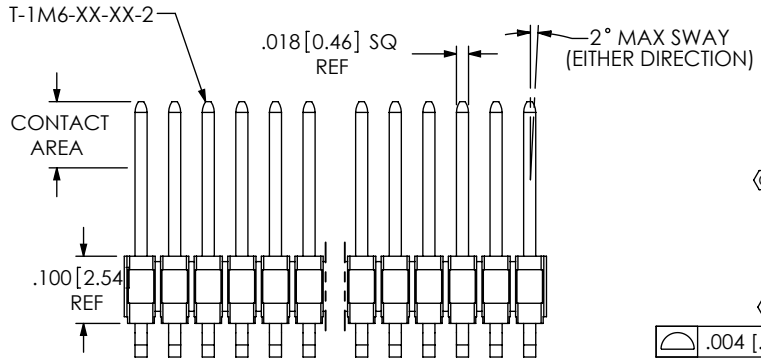
LEAD STYLE  
SEE TABLE 1

- PLATING SPECIFICATION
- G: 10μ" GOLD IN CONTACT AREA, 3μ" GOLD ON TAIL
  - T: MATTE TIN CONTACT AND TAIL (LEAD STYLES -01, -02, -03, -51, -52 ONLY)
  - S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
  - FM: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
  - H: 30μ" HEAVY GOLD IN CONTACT AREA, 3μ" GOLD ON TAIL
  - L: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

BODY SPECIFICATION  
-D: DOUBLE (USE HTMS-50-D)

- OPTION
- P: PICK & PLACE PAD (USE PPP-22) (SEE FIG 3, SHT 2) [5 POS MIN]
  - TR: TAPE AND REEL PACKAGING (POSITIONS -02 THROUGH -50)

- OPTION
- A: ALIGNMENT PIN (5 POS MIN) (SEE FIG 2, SHT 2) SAMTEC DISCRETION ON WHICH -A PIN USED.
  - LC: STAKED LOCKING CLIP (USE LC-05-TM) (SEE FIG 4, SHT 2 & NOTE 10)
  - XX: POLARIZING SPECIFICATION XX INDICATES POS TO BE OMMITED



**TABLE 1**

LEAD STYLE	TERMINAL SPEC.	"B"
-01	T-1M6-13-X-2	.230 [5.84]
-02	T-1M6-04-X-2	.100 [2.54]
-03	T-1M6-04-X-2	.125 [3.18]
-51	T-1M6-13-X-2	.190 [4.83]
-52	T-1M6-13-X-2	.205 [5.21]
-53	T-1M6-05-X-2	.285 [7.24]
-54	T-1M6-15-X-2	.335 [8.51]
-55	T-1M6-16-X-2	.390 [9.91]
-56	T-1M6-16-X-2	.405 [10.29]
-57	T-1M6-16-X-2	.430 [10.92]

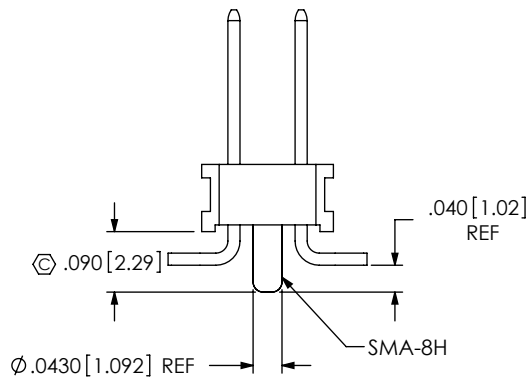
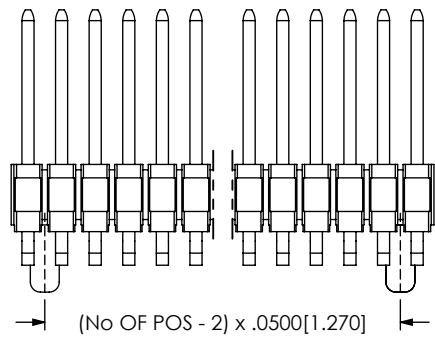
**TABLE 2**

LEAD STYLE	PACKAGING TUBE	PLUG
-01, -02, -03, -51 -52	PT-1-24-02-44 (SEE NOTE 8)	TP-03
-01-P, -02-P -03-P, -51-P -52-P	PT-1-24-02-44 (SEE NOTE 9)	TP-03
-53, -54	PT-1-24-01-29 (SEE NOTE 8)	TP-03
-55, -56, -57	PT-1-24-09-29 (SEE NOTE 8)	TP-03
-53-P	PT-1-24-03-44 (SEE NOTE 9)	TP-03
-54-P, -55-P -56-P, -57-P	PT-1-24-05-44 (SEE NOTE 9)	TP-03

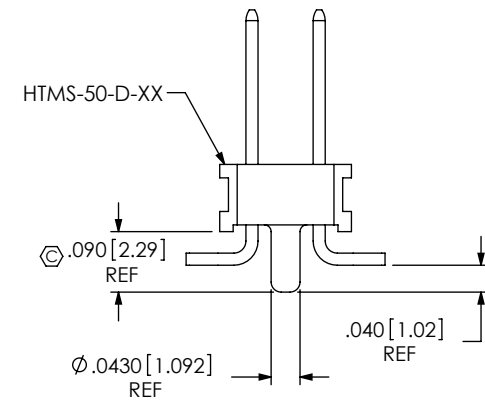
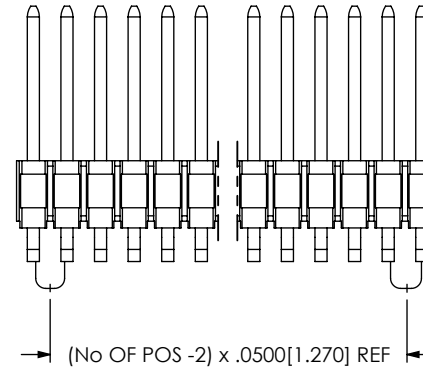
- NOTES:
1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
  2. MAXIMUM CUT FLASH: .010[.25].
  3. MINIMUM PUSHOUT FORCE: 2 LB.
  4. MAXIMUM PIN ROTATION IN BODY: 2°.
  5. SHEAR TAILS TO DIMENSION SHOWN.
  6. MAXIMUM BURR ALLOWANCE: .003[.08]
  7. MEASURED AT BEND RADIUS.
  8. TUBE POSITIONS -05 AND GREATER; LAYER PACKAGE POSITIONS -02 THRU -04.
  9. -P OPTION: TUBE POSITIONS -07 THRU -50; ALL OTHERS, TAPE & REEL ONLY.
  10. DUE TO 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.

FIG 1  
FTR-1XX-XX-D SHOWN

<p>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.</p> <p>TOLERANCES ARE:</p> <table style="width: 100%;"> <tr> <td>DECIMALS</td> <td>ANGLES</td> </tr> <tr> <td>.X: ±.1 [2.5]</td> <td></td> </tr> <tr> <td>.XX: ±.01 [.3]</td> <td>2°</td> </tr> <tr> <td>.XXX: ±.005 [.13]</td> <td></td> </tr> <tr> <td>.XXXX: ±.0020 [.051]</td> <td></td> </tr> </table>	DECIMALS	ANGLES	.X: ±.1 [2.5]		.XX: ±.01 [.3]	2°	.XXX: ±.005 [.13]		.XXXX: ±.0020 [.051]		<p>PROPRIETARY NOTE</p> <p>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.</p>	<p>520 PARK EAST BLVD., NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code 55322</p>
	DECIMALS	ANGLES										
.X: ±.1 [2.5]												
.XX: ±.01 [.3]	2°											
.XXX: ±.005 [.13]												
.XXXX: ±.0020 [.051]												
<p>MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1</p> <p>INSULATOR: LCP, UL 94 VO, COLOR: BLACK</p> <p>TERMINAL: PHOS BRONZE</p>	<p>DESCRIPTION: HI-TEMP TERMINAL MICRO-STRIP (DOUBLE ROW)</p> <p>DWG. NO. <b>FTR-1XX-XX-XX-D-XX-XX</b></p> <p>BY: DEAN P 12/12/2000 SHEET 1 OF 2</p>											



STAKED  
(5 POSITIONS MINIMUM)



MOLDED  
(5 POSITIONS MINIMUM)

FIG 2  
-A OPTION: ALIGNMENT PIN  
(DIFFERENT AS SHOWN, OTHERWISE SEE FIG 1)

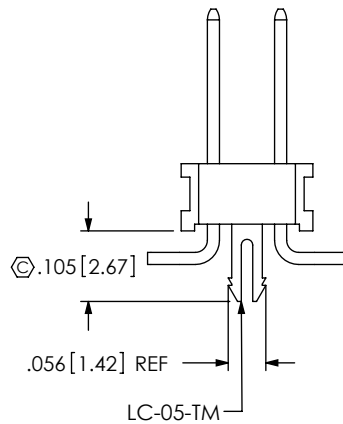
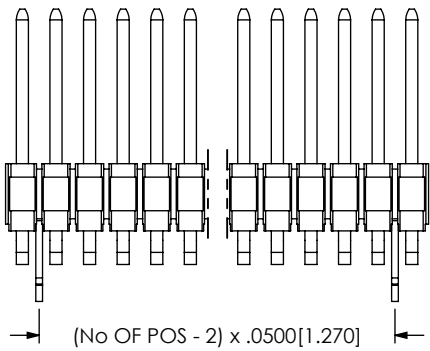
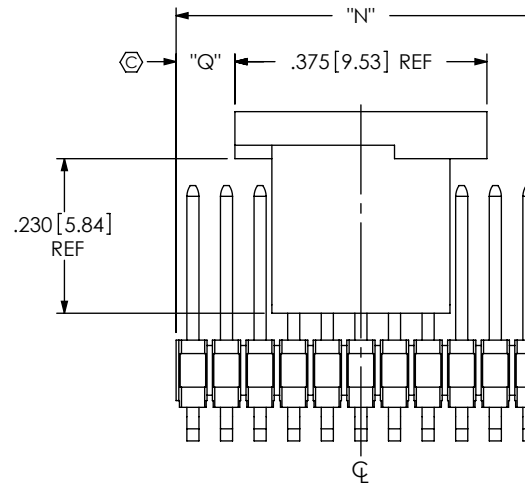


FIG 4  
-LC OPTION: STAKED LOCKING CLIP  
(6 POSITIONS MINIMUM)  
(DIFFERENT AS SHOWN, OTHERWISE SEE FIG 1)



"N" = USE MEASURED DIM  
"Q" = {"N" - .375} / 2 ± .020

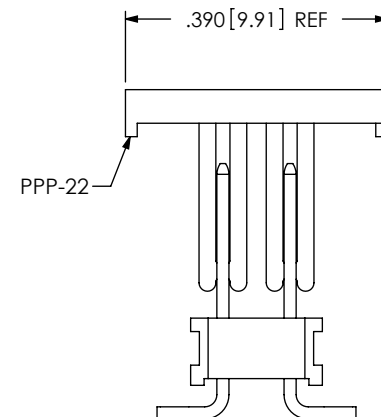


FIG 3  
-P PICK & PLACE  
(5 POSITIONS MINIMUM, SEE NOTE 9)

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SHEET SCALE: 2:1

**samtec**

520 PARK EAST BLVD, NEW ALBANY, IN 47150  
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e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:  
HI-TEMP TERMINAL MICRO-STRIP (DOUBLE ROW)

DWG. NO. FTR-1XX-XX-XX-D-XX-XX

BY: DEAN P 12/12/2000 SHEET 2 OF 2