

DO NOT
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THIS PRINT

PATENT NUMBERS
5713755 / 5961339

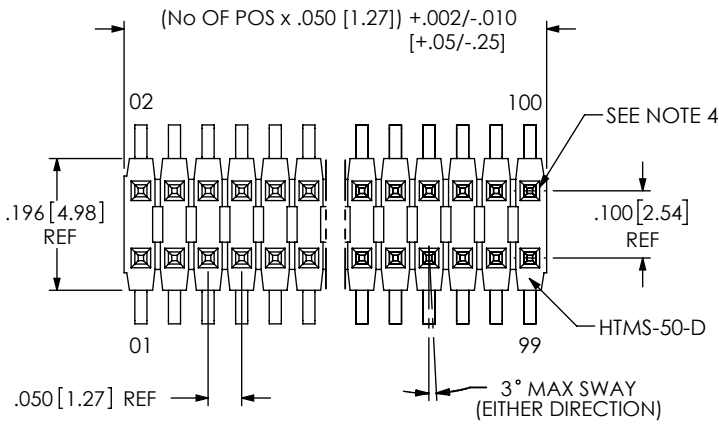
FTR-1XX-XX-XX-D-XX-XX

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

LEAD STYLE
SEE TABLE 1

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



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
-F: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL
-SM: 30μ" SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL
-TM: MATTE TIN CONTACT AND TAIL
(LEAD STYLES -01, -02, -03, -51, -52 ONLY)
-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)

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]

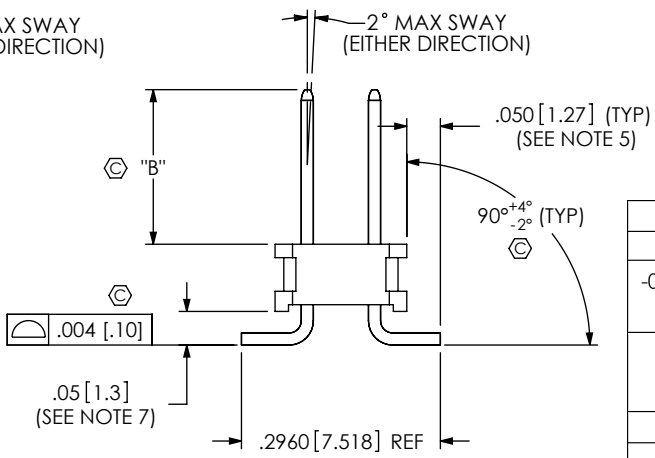
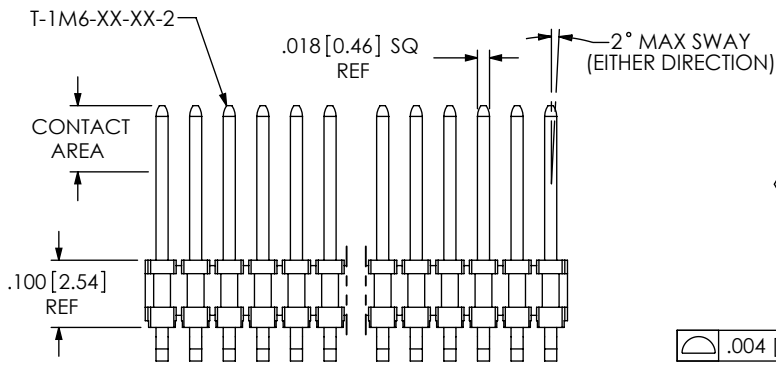


TABLE 2		
LEAD STYLE	PACKAGING TUBE	PLUG
-01, -02, -03, -51 -52	PT-1-24-02-44 (SEE NOTE 8)	TP-03
-01-P, -02-P -03-P, -51-P -52-P	PT-1-24-02-44 (SEE NOTE 9)	TP-03
-53, -54	PT-1-24-01-29 (SEE NOTE 8)	TP-03
-55, -56, -57	PT-1-24-09-29 (SEE NOTE 8)	TP-03
-53-P	PT-1-24-03-44 (SEE NOTE 9)	TP-03
-54-P, -55-P -56-P, -57-P	PT-1-24-05-44 (SEE NOTE 9)	TP-03

FIG 1
FTR-1XX-XX-XX-D SHOWN

- 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 RECOMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -LC OPTION.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS	ANGLES
.X: ±.1 [2.5]	
.XX: ±.01 [.3]	2°
.XXX: ±.005 [.13]	
.XXXX: ±.0020 [.051]	

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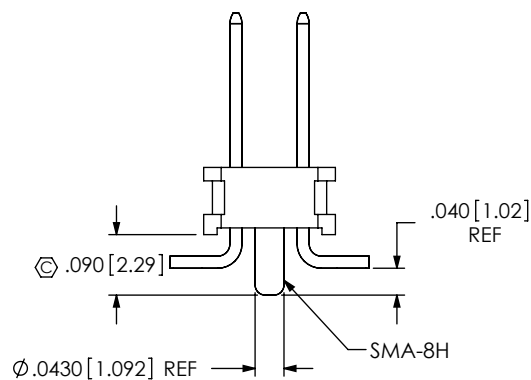
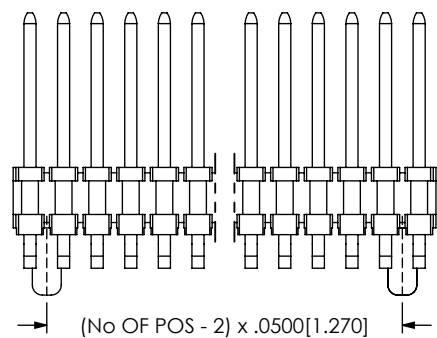
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1

INSULATOR: LCP, UL 94 VO, COLOR: BLACK
TERMINAL: PHOS BRONZE

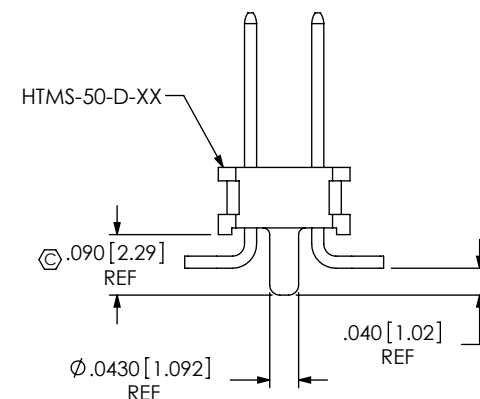
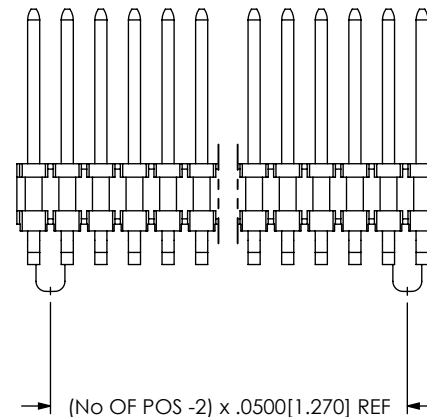
DESCRIPTION:
HI-TEMP TERMINAL MICRO-STRIP (DOUBLE ROW)

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

BY: DEAN P	12/12/2000	SHEET 1 OF 3
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STAKED
(5 POSITIONS MINIMUM)



MOLDED
(5 POSITIONS MINIMUM)

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

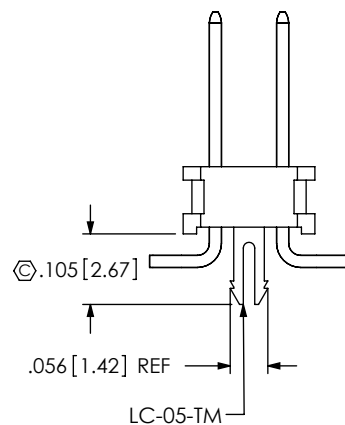
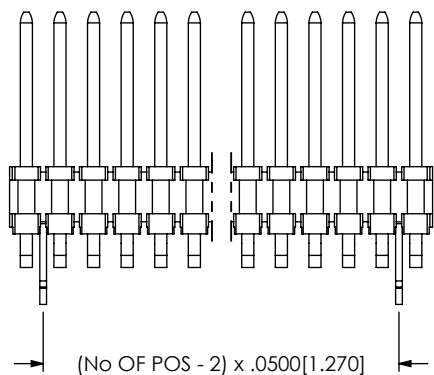


FIG 4
-LC OPTION: STAKED LOCKING CLIP
(6 POSITIONS MINIMUM)
(DIFFERENT AS SHOWN, OTHERWISE SEE FIG 1)

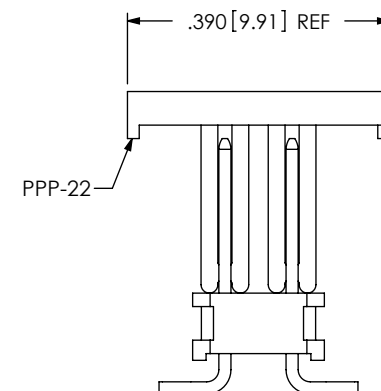
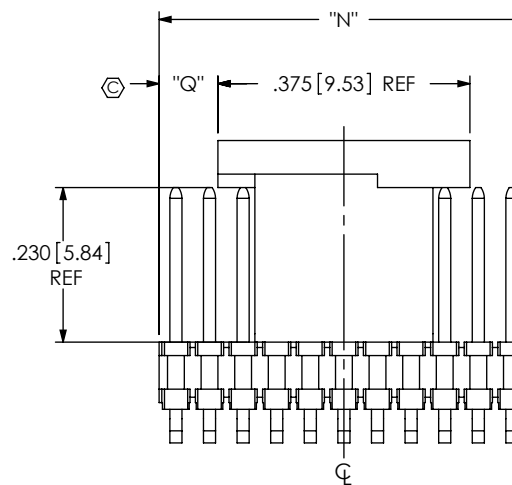


FIG 3
-P PICK & PLACE
(5 POSITIONS MINIMUM, SEE NOTE 9)

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

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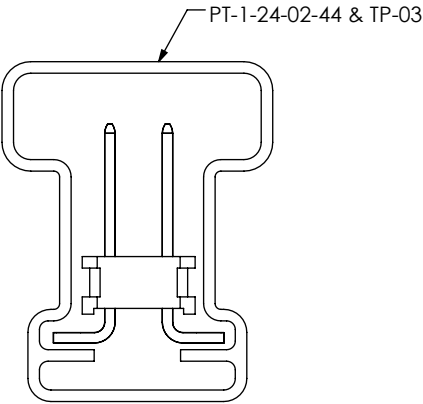
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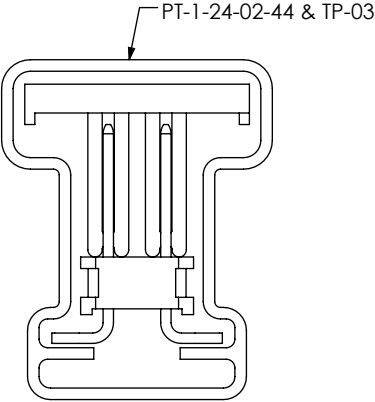
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HI-TEMP TERMINAL MICRO-STRIP (DOUBLE ROW)

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

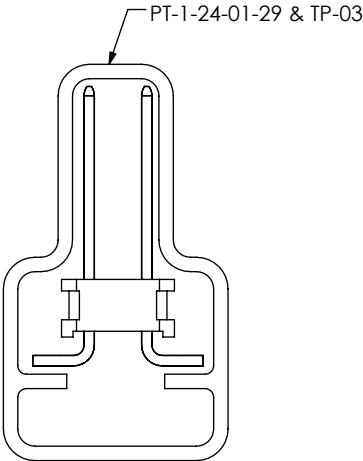
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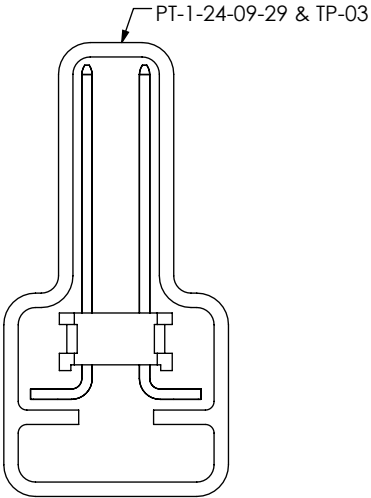
-01, -02, -03, -51 & -52 LEAD STYLES



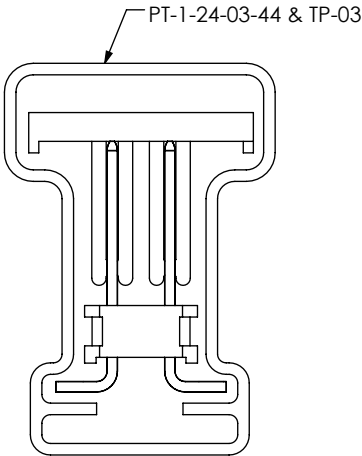
-01-P, -02-P, -03-P,
-51-P & -52-P LEAD STYLES



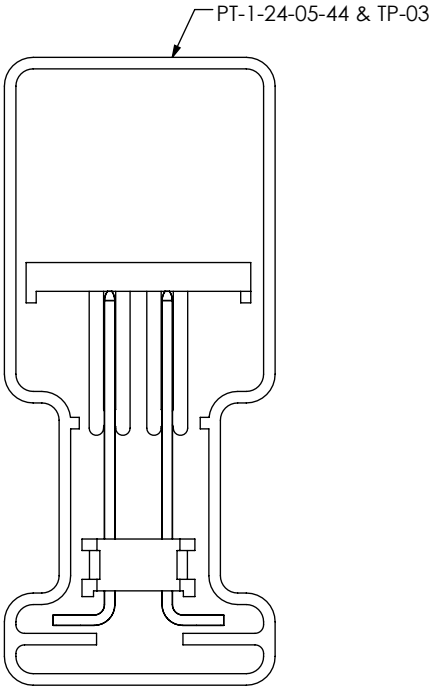
-53 & -54 LEAD STYLES



-55, -56 & -57 LEAD STYLES



-53-P LEAD STYLE



-54-P, -55-P, -56-P & -57-P LEAD STYLES

PACKAGING VIEWS

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