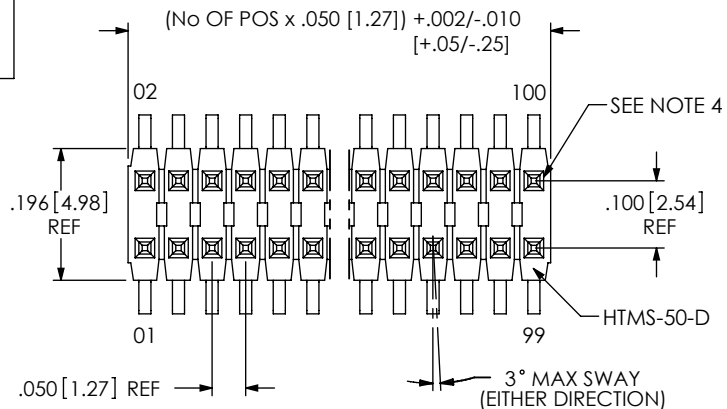


DO NOT
SCALE FROM
THIS PRINT



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)

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)

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 OMITTED

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]

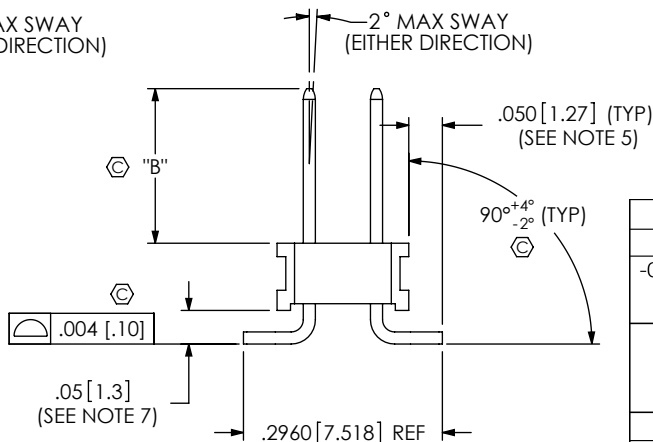
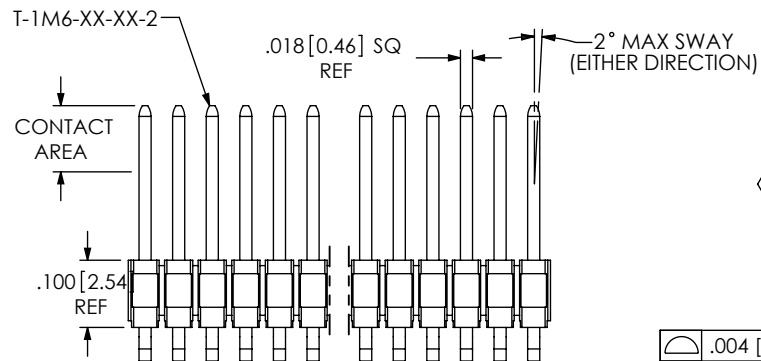


FIG 1
FTR-1XX-XX-D SHOWN

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

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

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.X: ±.1 [2.5]
.XX: ±.01 [.3]
.XXX: ±.005 [0.13]
.XXXX: ±.0020 [0.051]

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.

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

SHEET SCALE: 2:1

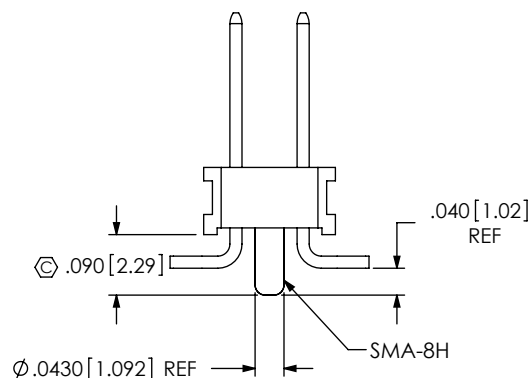
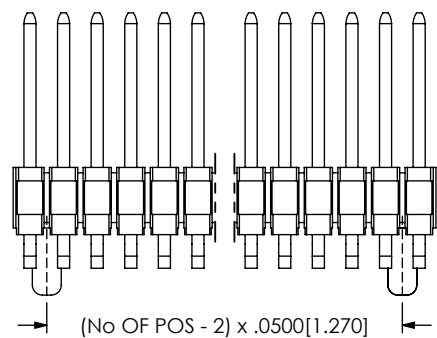
samtec

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

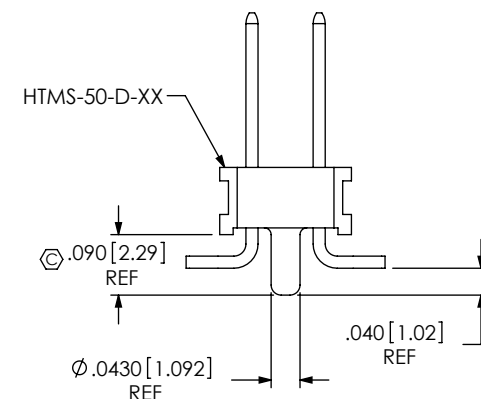
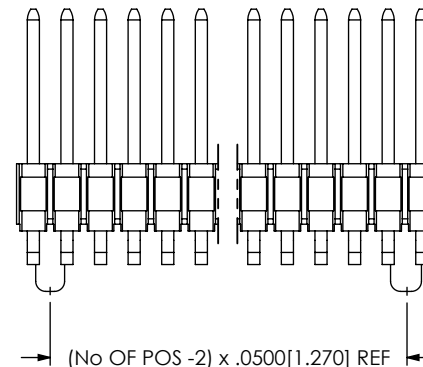
DESCRIPTION:
HI-TEMP TERMINAL MICRO-STRIP (DOUBLE ROW)

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

BY: DEAN P 12/12/2000 SHEET 1 OF 2



STAKED
(5 POSITIONS MINIMUM)



MOLDED
(5 POSITIONS MINIMUM)

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

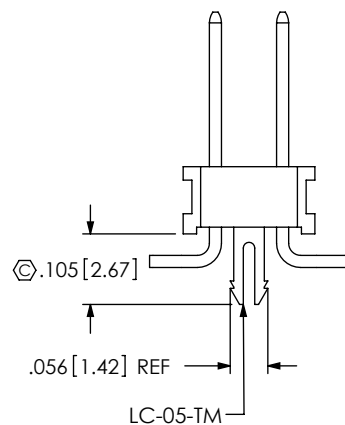
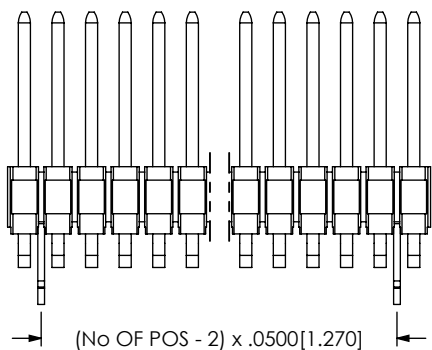


FIG 4
-LC OPTION: STAKED LOCKING CLIP
(6 POSITIONS MINIMUM)
(DIFFERENT AS SHOWN, OTHERWISE SEE FIG 1)

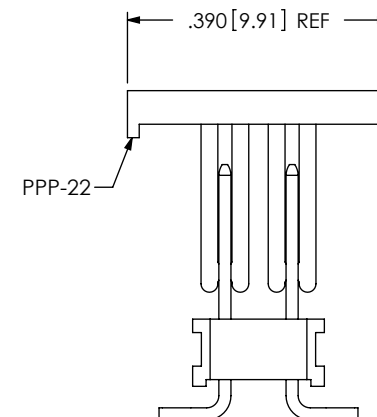
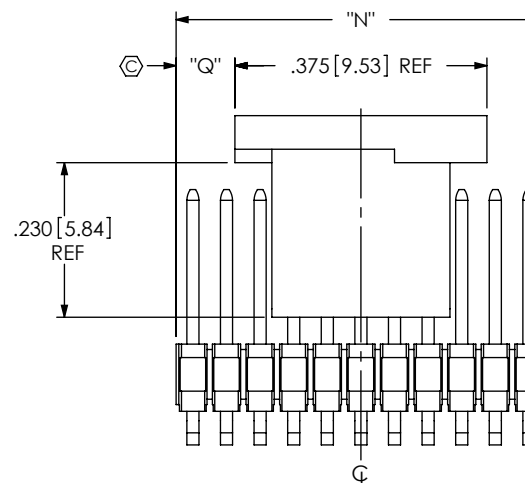


FIG 3
-P PICK & PLACE
(5 POSITIONS MINIMUM, SEE NOTE 9)

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

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: 2:1

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:
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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec:](#)

[FTR-108-01-F-D](#) [FTR-124-56-S-D](#) [FTR-150-52-T-D](#) [FTR-110-03-T-D-06](#) [FTR-108-53-G-D-A-P-TR](#) [FTR-108-03-L-D-P-TR](#) [FTR-104-51-F-D](#)