

DO NOT  
SCALE FROM  
THIS PRINT

| TABLE 1                                     |              |              |                   |       |
|---------------------------------------------|--------------|--------------|-------------------|-------|
| LEAD STYLE                                  | TERMINAL     | "B"          | TUBE (SEE NOTE 9) | PLUG  |
| -01                                         | T-1M6-13-X-2 | .230 [5.84]  | PT-1-24-01-46     | TP-24 |
| -01 (W / PAD OPTION)                        | T-1M6-13-X-2 | .230 [5.84]  | PT-1-24-05-29     | TP-03 |
| -02                                         | T-1M6-30-X-2 | .100 [2.54]  | PT-1-24-02-29     | TP-24 |
| -02 (W / PAD OPTION)                        | T-1M6-30-X-2 | .100 [2.54]  | PT-1-24-05-29     | TP-03 |
| -03 (W / PAD OPTION)                        | T-1M6-04-X-2 | .125 [3.18]  | PT-1-24-04-15     | TP-09 |
| -03 (NO OPTIONS)                            | T-1M6-04-X-2 | .125 [3.18]  | PT-1-24-02-29     | TP-24 |
| -21                                         | N/A          | .230 [5.84]  | N/A               | N/A   |
| -51                                         | T-1M6-13-X-2 | .190 [4.83]  | PT-1-24-02-29     | TP-24 |
| -52                                         | T-1M6-13-X-2 | .205 [5.21]  | PT-1-24-10-29     | TP-24 |
| -52 (W / PAD OPTION)                        | T-1M6-13-X-2 | .205 [5.21]  | PT-1-24-05-29     | TP-03 |
| -53                                         | T-1M6-05-X-2 | .285 [7.24]  | PT-1-24-02-29     | TP-24 |
| -54 (6-50 POSITION)                         | T-1M6-15-X-2 | .335 [8.51]  | PT-1-24-13-29     | TP-24 |
| -54 (5 POSITION)                            | T-1M6-15-X-2 | .335 [8.51]  | PT-1-24-10-29     | TP-24 |
| -55                                         | T-1M6-16-X-2 | .390 [9.91]  | PT-1-24-10-29     | TP-24 |
| -56                                         | T-1M6-16-X-2 | .405 [10.29] | PT-1-24-10-29     | TP-24 |
| -57                                         | T-1M6-16-X-2 | .430 [10.92] | PT-1-24-03-71     | TP-24 |
| -58                                         | N/A          | .485 [12.32] | N/A               | N/A   |
| -59                                         | N/A          | .535 [13.59] | N/A               | N/A   |
| -60                                         | N/A          | .605 [15.37] | N/A               | N/A   |
| -53, -54, -55, -56, -57-60 (W / PAD OPTION) | N/A          | N/A          | PT-1-24-03-71     | TP-09 |

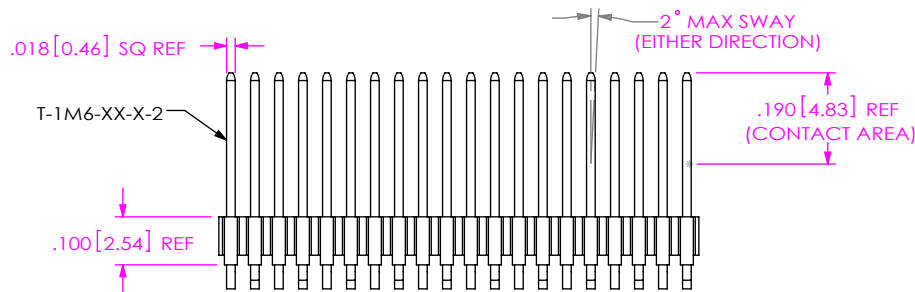
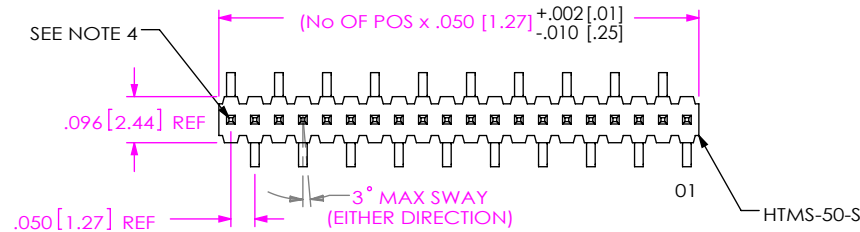


FIG 1

FTR-1XX-XX-X-S SHOWN

\* REF FOR OAL PIN LENGTH

| TABLE 2         |              |
|-----------------|--------------|
| TERMINAL LENGTH | * "L"        |
| -04             | .505 [12.83] |
| -05             | .705 [17.91] |
| -13             | .625 [15.88] |
| -15             | .755 [19.18] |
| -16             | .825 [20.96] |

## NOTES:

1.  $\odot$  REPRESENTS A CRITICAL DIMENSION.
2. MAXIMUM CUT FLASH: .010[.25].
3. MINIMUM PUSHOUT FORCE: 2 LB.
4. MAXIMUM PIN ROTATION IN BODY: 2°.
5. MAXIMUM ALLOWABLE BOW AFTER ASSEMBLY: .005[.13] INCH/INCH
6. SHEAR TAILS TO DIMENSION SHOWN.
7. MAXIMUM BURR ALLOWANCE: .003[.08]
8. MEASURED AT BEND RADIUS.
9. TUBE POSITIONS -05 THRU -50 ONLY FOR THIS LEAD STYLE.

F:\DWG\MISC\MKTG\FTR-1XX-XX-XX-S-XX-XX-MKT.SLDDRW

## FTR-1XX-XX-XX-S-XX-XX

No OF POSITIONS  
-02 THRU -40LEAD STYLE  
SEE TABLE 1

## PLATING SPECIFICATION

(VALUES GIVEN ARE IN MICRO-INCHES)

- G: GOLD, 10 Au / 50 Ni MIN ON CONTACT, 3 Au / 50 Ni MIN ON TAIL
- T: MATTE TIN CONTACT AND TAIL
- S: SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
- F: FLASH SELECTIVE, 3 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL (LEAD STYLE SPEC -01 ONLY)
- SM: SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
- TM: MATTE TIN CONTACT AND TAIL
- FM: FLASH SELECTIVE, 3 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
- L: LIGHT SELECTIVE, 10 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL

## ROW SPECIFICATION

-S: SINGLE (USE HTMS-50-S)

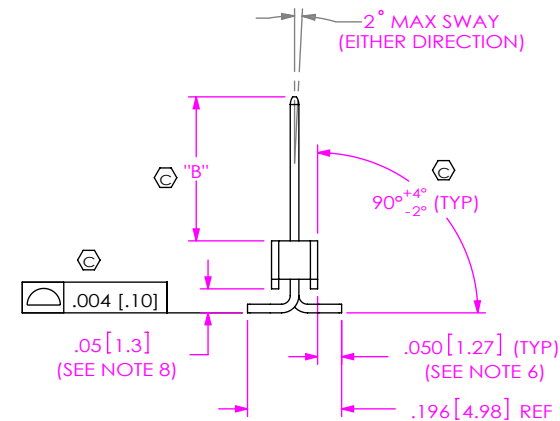
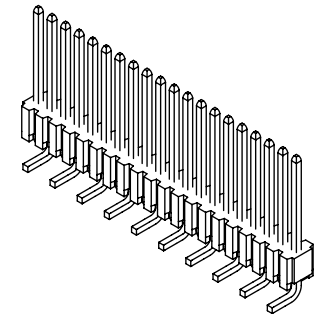
## OPTION

-P: PICK & PLACE PAD  
(USE PPP-11, SEE FIG 2)

-TR: TAPE & REEL  
(4 POS MIN)

## OPTION

-XX: -POLARIZING SPECIFICATION  
(XX INDICATES POS. TO BE OMITTED)

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

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

## \* PROPRIETARY NOTE

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MATERIAL: DO NOT SCALE DRAWING

SHEET SCALE: 2.5:1

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

**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 (SINGLE ROW)

DWG. NO.

FTR-1XX-XX-XX-S-XX-XX

BY: BRATCHER 7-10-95

SHEET 1 OF 2

"N" = USE MEASURED DIMENSION  
"Q" = {("N" - .400 [10.16]) / 2} ±.020 [.51]

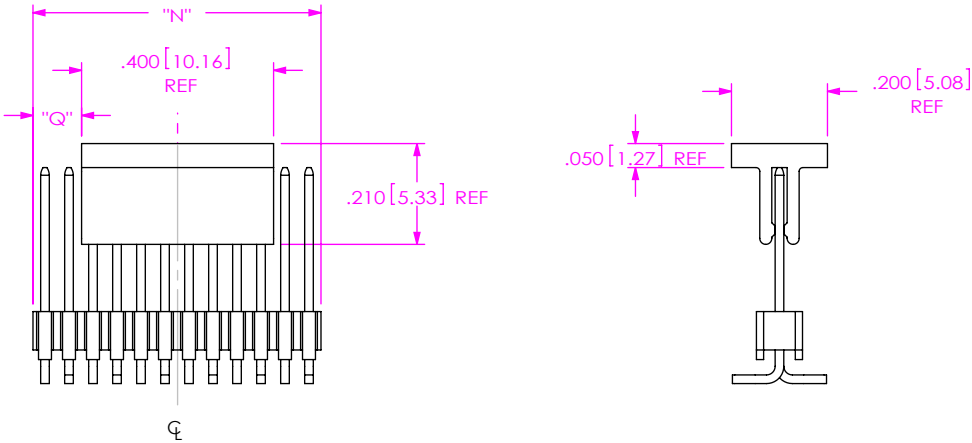


FIG 2

-P: PICK AND PLACE PAD  
AVAILABLE ON 08 - 40 POSITIONS ONLY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                        |              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | DESCRIPTION:<br>HI-TEMP TERMINAL MICRO-STRIP (SINGLE ROW)                                                                                                                                                              |              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | DWG. NO.<br><b>FTR-1 XX-XX-XX-S-XX-XX</b>                                                                                                                                                                              |              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | BY: BRATCHER 7-10-95                                                                                                                                                                                                   | SHEET 2 OF 2 |