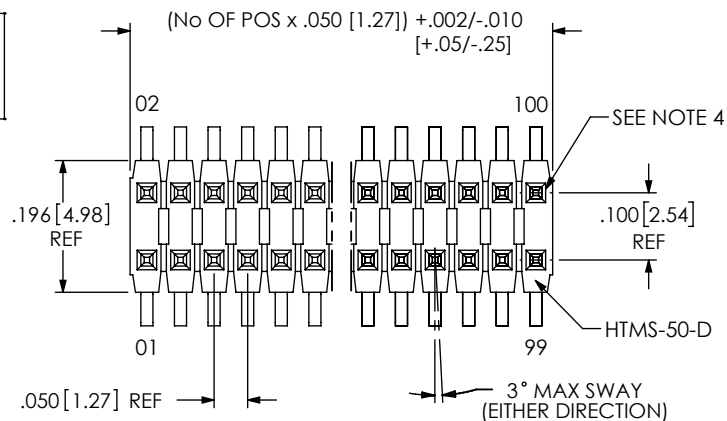


DO NOT
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No OF POSITIONS
-02 THRU -50
(PER ROW)

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
- 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)

PACKAGING (SEE NOTES 12 & 13)
BLANK: TUBES
-TR: TAPE AND REEL PACKAGING
-FR FULL REEL QTY TAPE & REEL

PICK & PLACE OPTION

-P: PICK & PLACE PAD
(USE PPP-22)
(SEE FIG 3, SHT 2)
[5 POS MIN]

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]

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

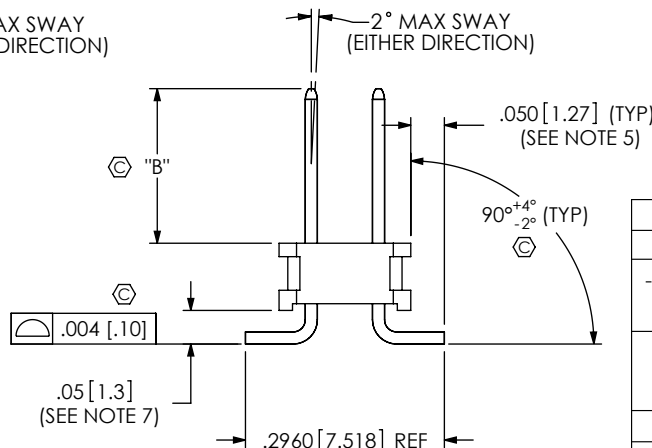
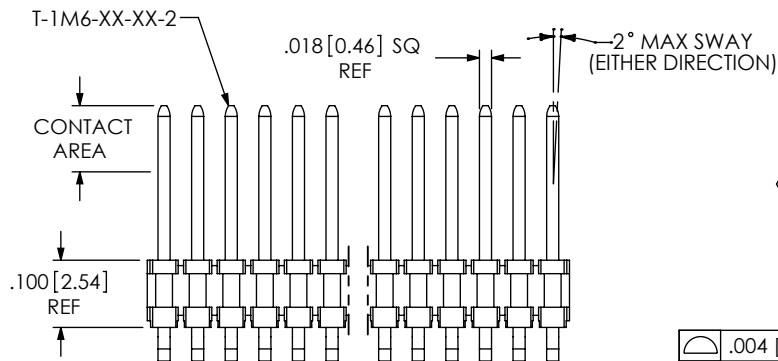


FIG 1
FTR-1XX-XX-D SHOWN

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. MAXIMUM CUT FLASH: .010 [0.25].
3. MINIMUM PUSHOUT FORCE: 2 LB.
4. MAXIMUM PIN ROTATION IN BODY: 2°.
5. SHEAR TAILS TO DIMENSION SHOWN.
6. MAXIMUM BURR ALLOWANCE: .003 [0.08]
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.
11. TUBES ARE STANDARD PACKAGING
12. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM
13. ATTACH LABEL TO EACH REEL

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]

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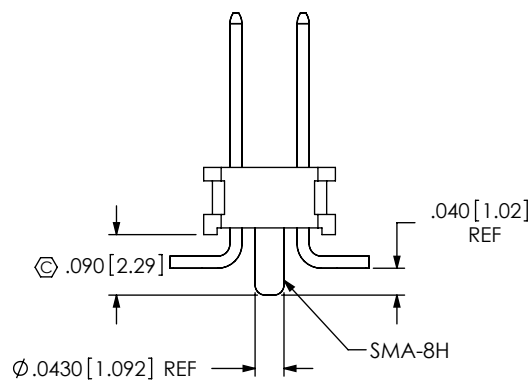
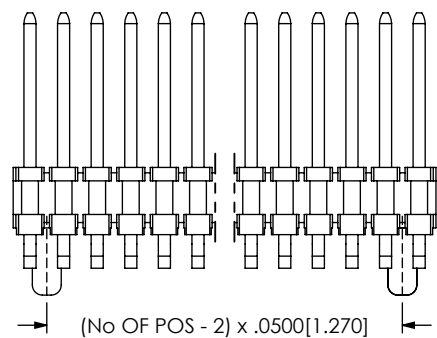
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INSULATOR: LCP, UL 94 VO, COLOR: BLACK
TERMINAL: PHOS BRONZE

SHEET SCALE: 2:1

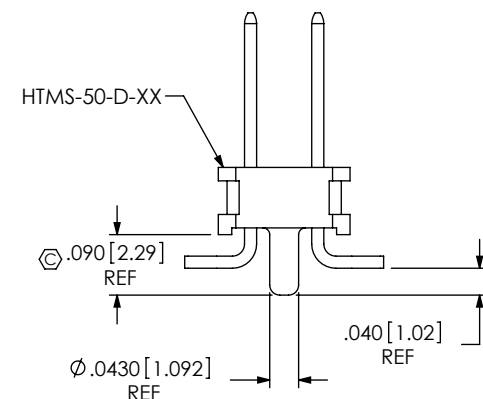
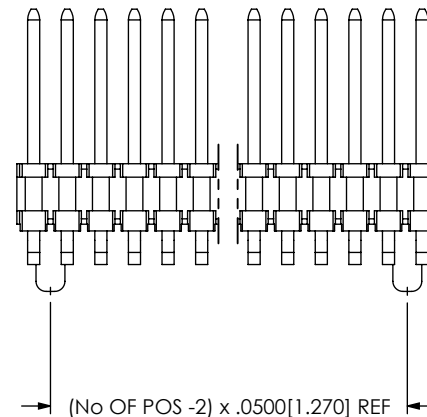
DESCRIPTION:
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DWG. NO.
FTR-1XX-XX-XX-D-XX-X-XX

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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)

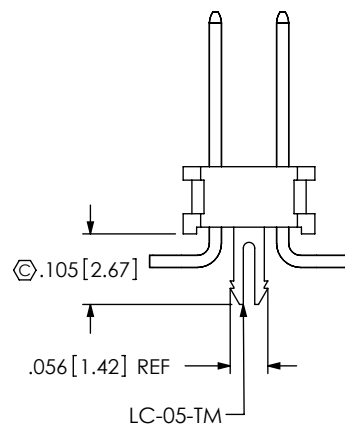
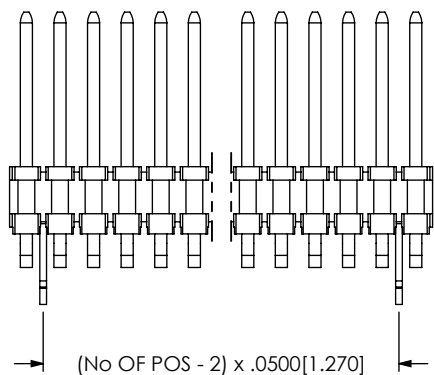


FIG 4
-LC OPTION: STAKED LOCKING CLIP
(6 POSITIONS MINIMUM)
(DIFFERENT AS SHOWN, OTHERWISE SEE FIG 1)

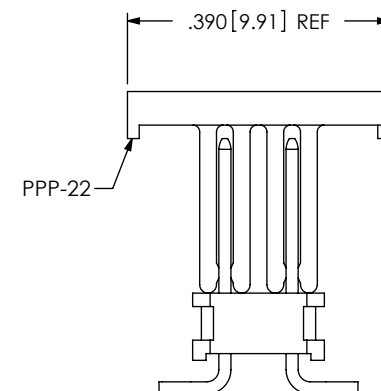
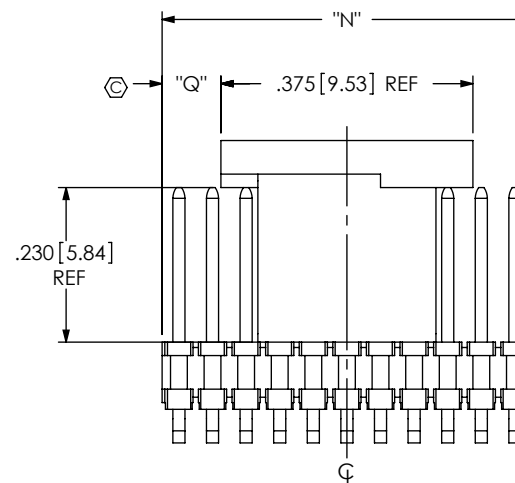


FIG 3
-P PICK & PLACE
(5 POSITIONS MINIMUM, SEE NOTE 9)

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

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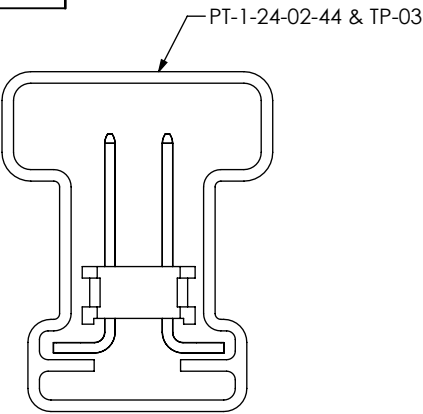
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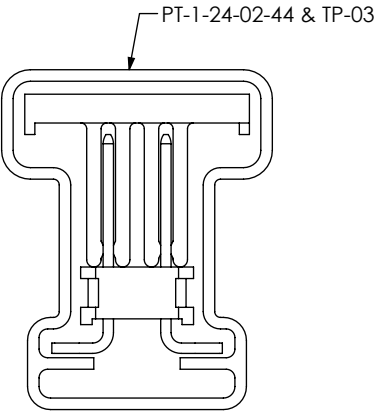
DESCRIPTION:
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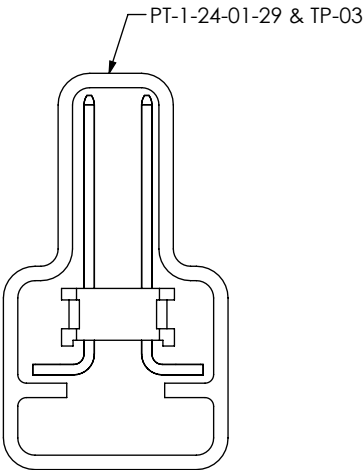
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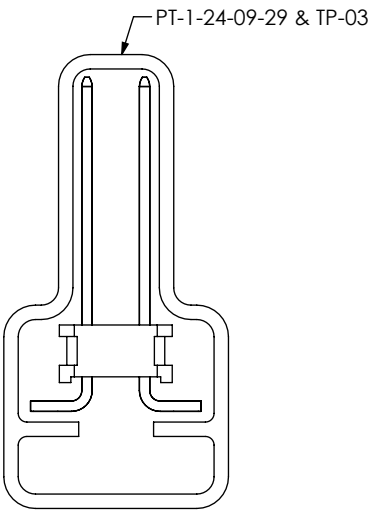
-01, -02, -03, -51 & -52 LEAD STYLES



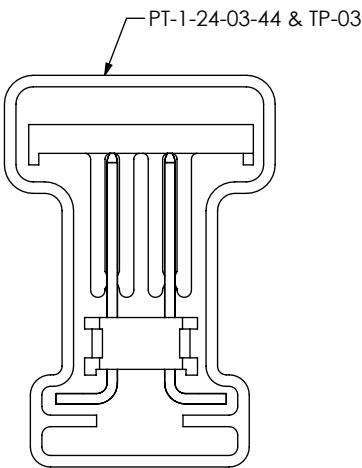
-01-P, -02-P, -03-P,
-51-P & -52-P LEAD STYLES



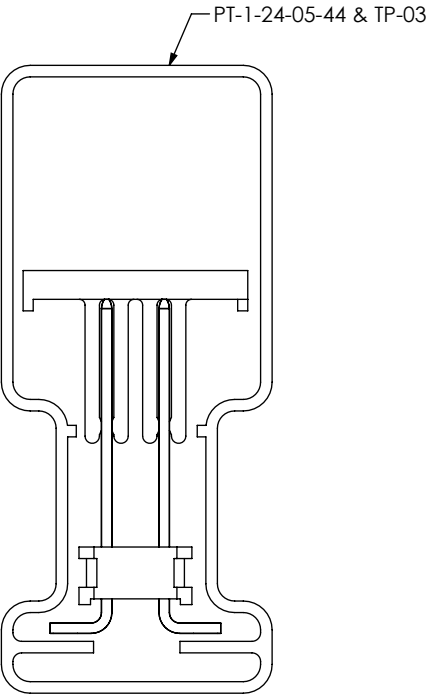
-53 & -54 LEAD STYLES



-55, -56 & -57 LEAD STYLES



-53-P LEAD STYLE



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

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