
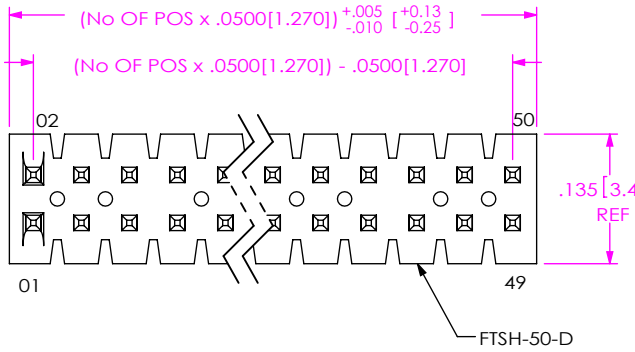


DO NOT  
SCALE FROM  
THIS PRINT

- NOTES:
- 1.  REPRESENTS A CRITICAL DIMENSION.
  - 2. PARTS MAY BE CUT TO POSITION.
  - 3. MAXIMUM CUT FLASH: .010[0.25] ON TAIL SIDE, ALL OTHER AREAS AT .015[0.38]. LOOSE CUT FLASH MUST BE REMOVED.
  - 4. MINIMUM PUSHOUT FORCE: 1.0 LB.
  - 5. TERMINALS TO BE SHEARED TO MEET DIMENSION SPECIFICATION.
  - 6. LAYER PACKAGE 2 - 4 POSITIONS AND TUBE 5 - 50 POSITIONS.
  - 7. MAXIMUM BURR ALLOWANCE: .003[0.08].
  - 8. DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE -EC OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT. SAMTEC RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -EC OPTION.
  - 9. MAXIMUM HEIGHT VARIATION BETWEEN ROWS: .005[0.13].
  - 10. VOIDS MAY OR MAY NOT BE PRESENT ON POSITIONS 5 THROUGH 8 AND CAN BE MIXED WITHIN AN ORDER.



FTSH-1XX-XX-XXX-D-XXX-XX

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

LEAD STYLE  
-01: .120 [3.05]  
-02: .075 [1.91]  
-03: .065 [1.65]  
-04: .150 [3.81]

PLATING SPECIFICATION

- G: 10μ" GOLD IN CONTACT AREA, 3μ" GOLD ON TAIL
- F: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- L: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- H: 30μ" HEAVY GOLD IN CONTACT AREA, 3μ" GOLD ON TAIL
- FM: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- LM: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN TAIL
- SM: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- LTL: 10μ" LIGHT GOLD IN CONTACT AREA, TIN/LEAD (90%/10 +/-5%) ON TAIL

ROW SPECIFICATION

- D: DOUBLE ROW

OPTIONS

- ES: END SHROUDS (SEE FIG 2, SHT 2) (MOLDED 5 POS MIN; -02 & -03 LEAD STYLE ONLY) (MUST USE FTSH-XX-ES-XX-X) (SNAP SHROUDS 9 POS MIN; -02 & -03 LEAD STYLE ONLY) (MUST USE FTSH-50-D)
- EJ: EJECTOR SHROUDS: (SEE FIG 3, SHT 2) (10 POS MIN; -01 LEAD STYLE ONLY) (MUST USE FTSH-50-D)
- EC: LOCKING CLIP (SEE FIG 4, SHT 2; SEE NOTE 8) (9 POS MIN; -02 & -03 LEAD STYLES ONLY) (MUST USE FTSH-50-D)
- EP: GUIDE POST (SEE FIG 5, SHT 2) (9 POS MIN; -02 & -03 LEAD STYLES ONLY) (USE ONLY WHEN MATING WITH CLP) (MUST USE FTSH-50-D)
- EL: BOARD LOCKS (SEE FIG 6, SHT 2) (9 POS MIN; -02 & -03 LEAD STYLES ONLY) (USE ONLY WHEN MATING WITH CLP) (MUST USE FTSH-50-D)
- K: KEYING OPTION FOR MATING WITH FFSD (05 THRU 25 ONLY) (POSITION 13, 17, 20 & 25 AVAILABLE WITH -EJ OPTION) (LEAD STYLE -01 ONLY, SEE FIG 7, SHT 3) (MUST USE FTSH-XX-CN-XX)
- LC: LOCKING CLIP: (SEE FIG 8, SHT 3) (5 POS MIN, ONLY AVAILABLE IN -01 LEAD STYLE) (IN COMBINATION WITH -K, USE FTSH-XX-CN-XX, 10 POSITION MINIMUM, ONLY AVAILABLE IN -01 LEAD STYLE) (MUST USE FTSH-50-D) (SINGLE MATING CYCLE ONLY) (MUST BE MATED TO SAMTEC FFSD SERIES)

POLARIZING OPTION

XXX INDICATES POSITION TO BE OMITTED (NOT AVAILABLE WITH EX OPTIONS) (ONLY AVAILABLE WITH -F, -FM, -L, -LM PLATING OPTIONS)

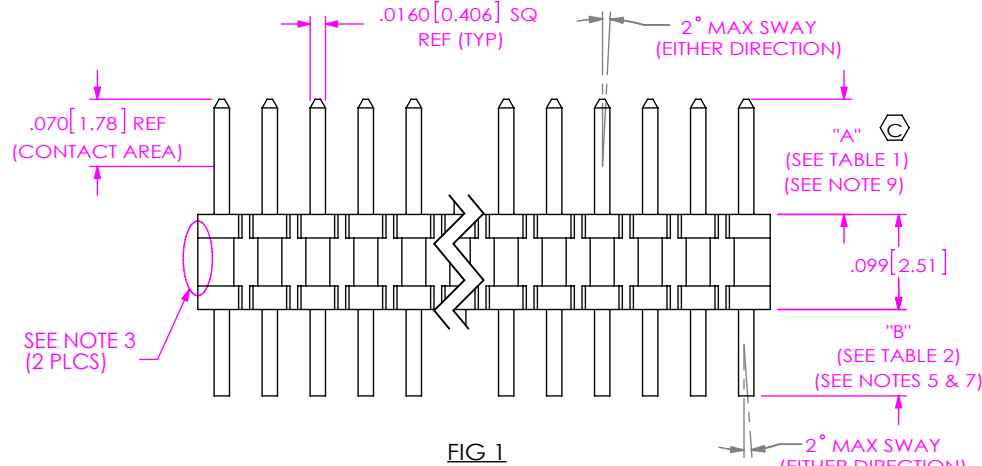
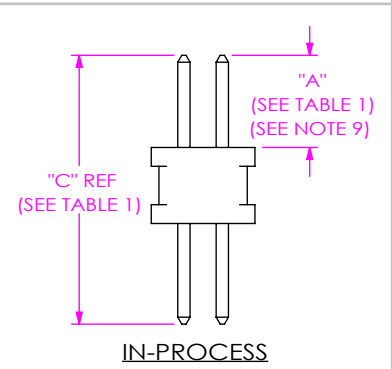
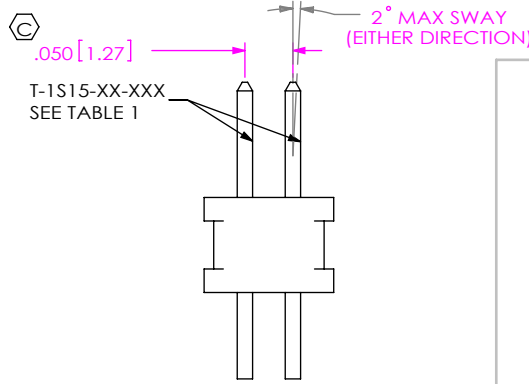


FIG 1

TABLE 1			
LEAD STYLE	"A"	TERMINAL	"C" REF
-01	.120 [3.05]	T-1S15-02-XX	.350 [8.89]
-02	.075 [1.91]	T-1S15-02-XX	.350 [8.89]
-03	.065 [1.65]	T-1S15-04-XX	.450 [11.43]
-04	.150 [3.81]	T-1S15-04-XX	.450 [11.43]

TABLE 2	
OPTIONS	"B"
NONE	.09 [2.3]
-ES, -EC	.09 [2.3]
-EJ, -EJ-K	.11 [2.7]
-EP	.09 [2.3]
-EL	.09 [2.3]
-K	.09 [2.3]
-LC, -K-LC	.12 [3.0]



IN-PROCESS

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:

DECIMALS	ANGLES
.XX: ±.01 [.3]	1°
.XXX: ±.005 [.13]	
.XXXX: ±.0010 [.025]	

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 5:1  
INSULATOR: LCD UL 94-V0  
TERMINAL: PHOSPHOR BRONZE

F:\DWG\MISC\MKTG\FTSH-1XX-XX-XXX-D-XXX-XX-MKT.SLDDRW

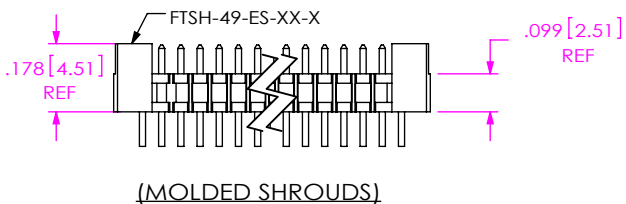
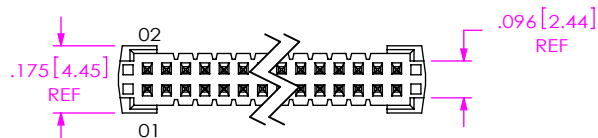
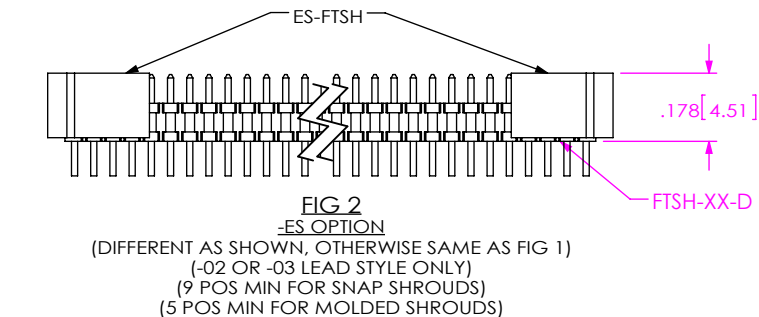
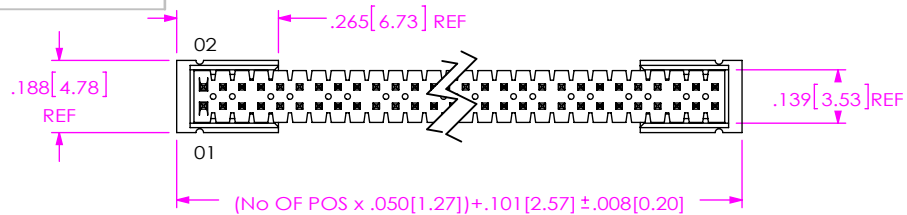
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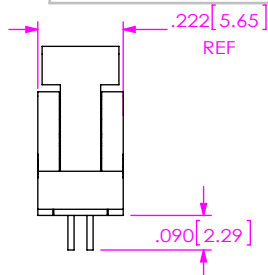
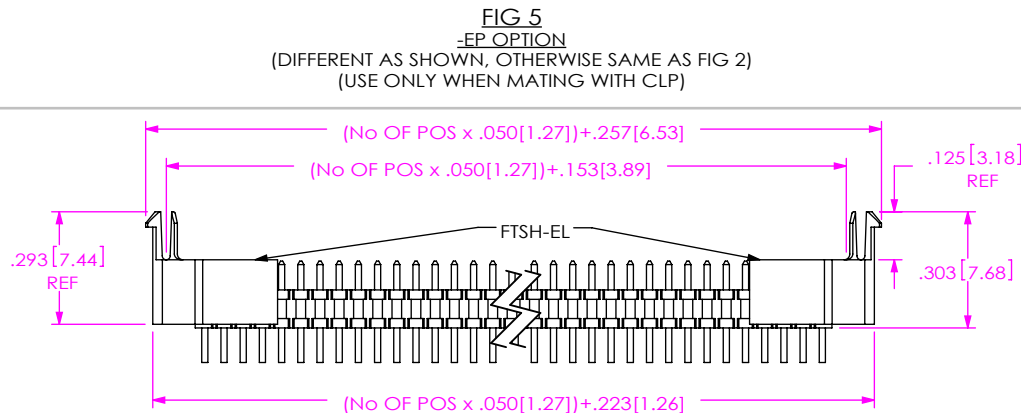
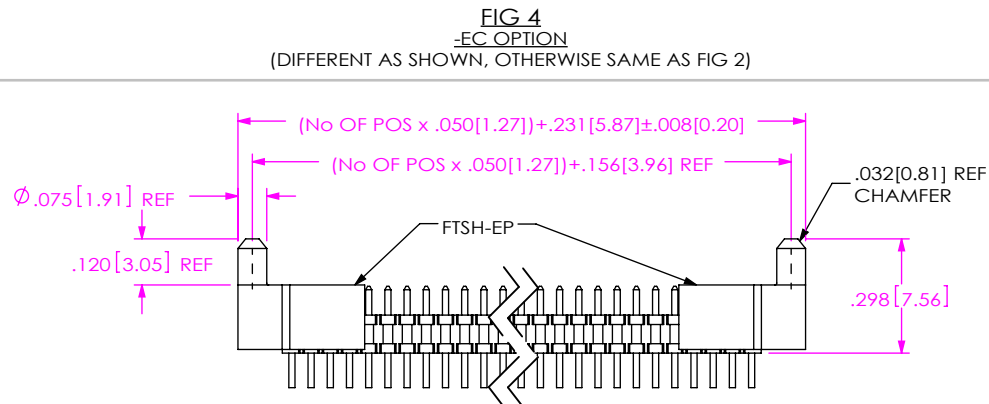
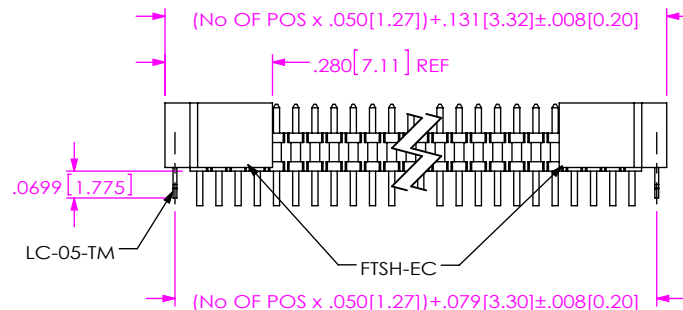
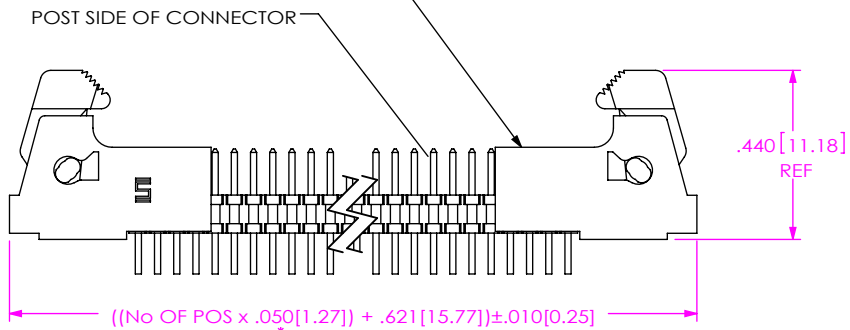
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PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:  
.050 x .050 CL THROUGH HOLE TERMINAL STRIP  
DWG. NO.  
**FTSH-1XX-XX-XXX-D-XXX-XX**  
BY: J. FERRY 02/27/1996 SHEET 1 OF 3



USE SUB-FTSH-EJEHA  
(2 REQ'D PER ASSEMBLY  
EACH USES 1 EHA-02,  
1 FTSH-EJ)

POST SIDE OF CONNECTOR



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FTSH-1XX-XX-XXX-D-XXX-XX

BY: J. FERRY 02/27/1996 SHEET 2 OF 3

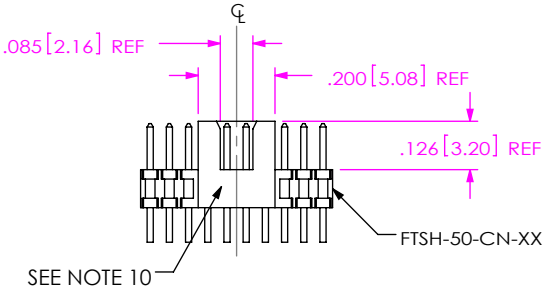
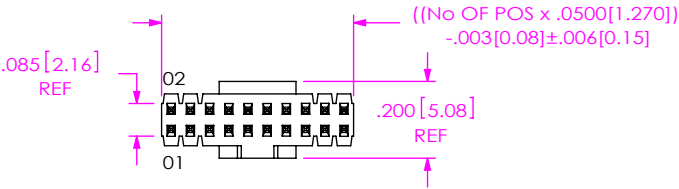


FIG 7  
-K OPTION  
(LEAD STYLE -01)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)  
(POSITION 13, 17, 20 & 25 AVAILABLE WITH -K & -EJ OPTION)

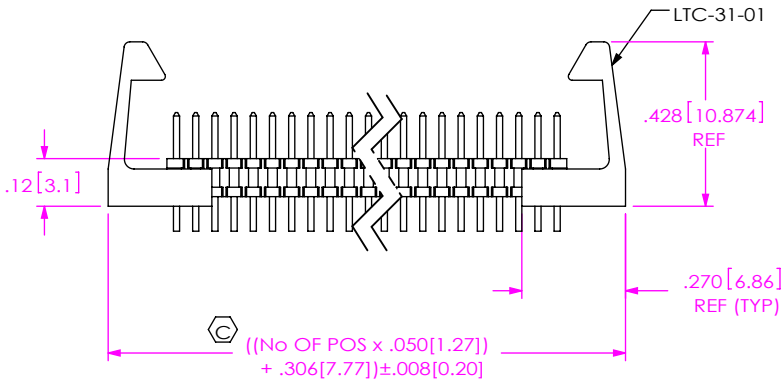


FIG 8  
-LC OPTION  
(LEAD STYLE -01)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

TABLE 3  
(SEE NOTE 6)

LEAD STYLE	OPTION(S)	PACKAGING TUBE	TUBE PLUG
-01, -02, -03	NONE	PT-1-24-01-43	TP-24
-04	NONE	PT-1-24-11-09	TP-09
ALL	-EJ, -EJ-K, -LC, -K-LC	PT-1-24-05-09	TP-07
ALL	-EC, -EC-K	PT-1-24-01-38	TP-24
ALL	-EL, -EP, -EL-K, -EP-K	PT-1-24-03-09	TP-09
ALL	-K	PT-1-24-11-09	TP-09
ALL	-ES, -ES-K	PT-1-24-01-55	TP-24

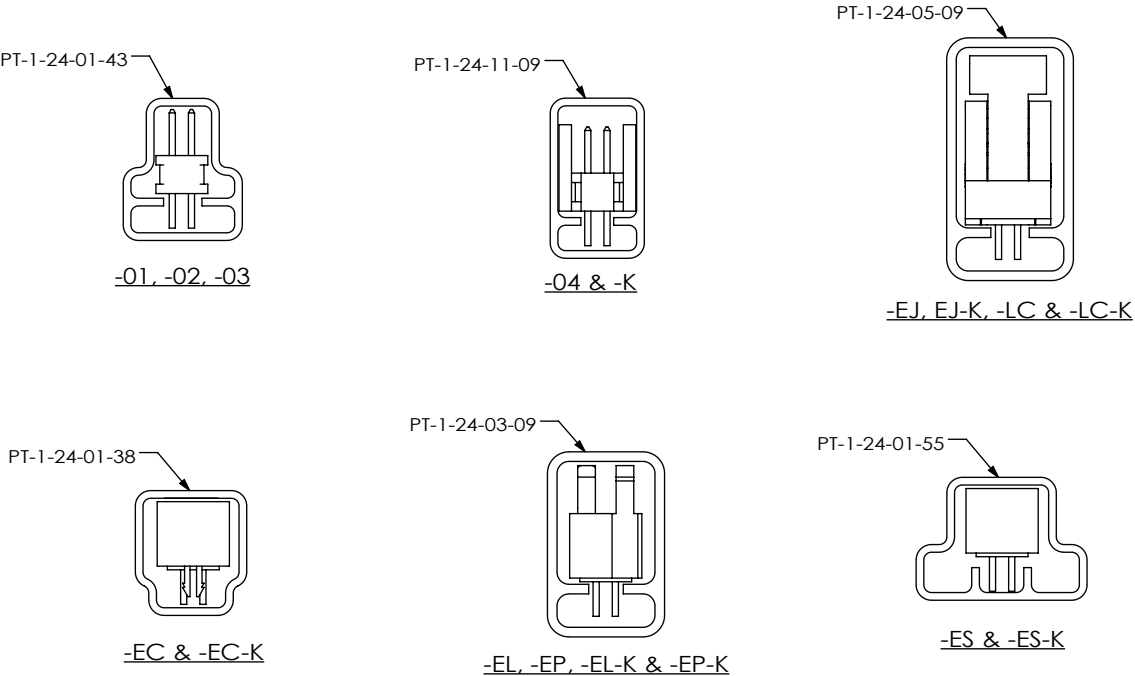


FIG 9  
TUBE VIEWS

F:\DWG\MISC\MKTG\FTSH-1XX-XX-XXX-D-XXX-XX-MKT.SLDDRW

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