REVISION BS

NOTES:
1. © REPRESENTS A CRITICAL DIMENSION.
2. TERMINALS TO BE SHEARED TO MEET DIMENSION SPECIFICATION.
3. PARTS MAY BE CUT TO POSITION.
4. MINIMUM PUSHOUT FORCE: .5 LB.
5. EJ OPTION IS NOT AVAILABLE AS OF REVISION AG.
   APPLICABLE VIEWS ARE REMAINING FOR REFERENCE TO BUILD
   INTERNAL ASP ORDERS ONLY. THIS OPTION WAS FOR EXISTING
   BUSINESS ONLY. ANY EXISTING CUSTOMERS WILL HAVE PART
   NUMBERS SETUP AS INTERNAL ASP'S.
6. MAX BURR ALLOWANCE: .003" [.08"]
7. MAX CUT FLASH: .010 [.25]
8. MAX HEIGHT VARIATION BETWEEN ROWS: .005 [.13]

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

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

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

PLATING SPECIFICATION
-F: 3µ" SELECTIVE GOLD IN CONTACT AREA,
      MATTE TIN ON TAIL
-L: 10µ" 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" SELECTIVE GOLD IN CONTACT AREA,
      MATTE TIN ON TAIL
-LM: 10µ" SELECTIVE GOLD IN CONTACT AREA,
      MATTE TIN ON TAIL
-SM: 30µ" SELECTIVE GOLD IN CONTACT AREA,
      MATTE TIN ON TAIL
-LTL: 10µ" SELECTIVE GOLD IN CONTACT AREA,
      90 / 10 ± 5% TIN LEAD ON TAIL

OPTIONS
-ES: END SHROUDS
     (-02 & -03 LEAD STYLE ONLY- SEE FIG 2, SHT 2)
     (9 POS PER ROW MIN)
     (MUST USE FTSH-50-D)
-EL: SHROUD LOCK
     (-02 & -03 LEAD STYLE ONLY- SEE FIG 4, SHT 2)
     (9 POS PER ROW MIN)
     (USE ONLY WHEN MATING WITH CLP)
     (MUST USE FTSH-50-D)
-EP: GUIDE POST
     (-02 & -03 LEAD STYLE ONLY- SEE FIG 5, SHT 2)
     (9 POS PER ROW MIN)
     (USE ONLY WHEN MATING WITH CLP)
     (MUST USE FTSH-50-D)
-EJ: EJECTOR SHROUD
     (SEE FIG 3, SHT 2)
     (SEE NOTE 5)
     (MUST USE FTSH-50-D)
-K: KEYING SHROUD
     (-01 LEAD STYLE ONLY- SEE FIG 1, -K OPTION)
     (POS 05, 08, 10, 13, 15, 17, 20, 25 ONLY)
     (USE ONLY WITH -RA TAIL OPTION)
     (MUST USE FTSH-XX-CN-XX)

TAIL OPTION
-RA: RIGHT ANGLE
-FC: FLEX CARD (MUST USE FTSH-50-D)
     (-01 LEAD STYLE ONLY, FOR USE WITH FCF)
-FE: FLEX CARD ELEVATED (MUST USE FTSH-50-D)
     (-01 LEAD STYLE ONLY, FOR USE WITH FCF)

ROW SPECIFICATION
-D: DOUBLE ROW

No OF POS x .0500 [1.270] - .003 [.08] +.005 [0.13] / -.010 [0.25]

No OF POS x .0500 [1.270] - .0500 [1.270]

.050 [1.26]
.135 [3.43] REF

02
01
50
49

2° MAX SWAY (EITHER DIRECTION)

.016 [0.41] SQ REF (TYP)

2° MAX SWAY (EITHER DIRECTION)

CONTACT AREA

"A" (SEE TABLE 1 & NOTE 8)

.099 [2.51] REF

FIG 1
FTSH-1XX-XX-XXX-D-RA SHOWN

90°±3°

PIN #1 (SEE TABLE 3)

2° MAX SWAY (EITHER DIRECTION)

PIN #2 (SEE TABLE 3)

"B" (SEE TABLE 2 & SEE NOTE 2)

FTSH-50-D

FTSH-XX-CN-XX

.050 [1.27]

.050 [1.27]

"B" (SEE TABLE 2 & SEE NOTE 2)

-RA OPTION SHOWN

.200 [5.08] REF

KEYING NOTCH TO BE LOCATED THIS SIDE, AWAY FROM -RA TAILS

-K OPTION SHOWN

TABLE 1

POST HEIGHT	"A"
-01	.120 [3.05]
-02	.075 [1.91]
-03	.065 [1.65]
-04	.150 [3.81]

TABLE 2

OPTIONS	"B" ±.010	
NONE, -RA, -RA-K	.090	2.290
-EP, -ES, -EL	.120	3.08
-EJ	.135	3.43
-FC	.150	3.81
-FE (SEE NOTE)	.283	7.19

TABLE 3

POST HEIGHT	TAIL OPTION	PIN #1	PIN #2
-01, -04	-RA	T-1S15-64-XX	T-1S15-63-XX
	-RA -K	T-1S15-64-XX	T-1S15-68-XX
-02, -03	-RA	T-1S15-19-XX	T-1S15-17-XX
	-RA -K	T-1S15-19-XX	T-1S15-17-XX
-01	-FC	T-1S15-07-XX	T-1S15-08-XX
	-FE	T-1S15-03-XX	T-1S15-03-XX

MATERIAL: DO NOT SCALE DRAWING   SHEET SCALE: 5:1

INSULATOR: BLACK LIQUID CRYSTAL POLYMER

TERMINAL: PHOSPHOR BRONZE, ALLOY No. 510

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

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:
.050 x .050 C.L. DOUBLE HORIZONTAL TERMINAL STRIP

DWG. NO.
FTSH-1XX-XX-XX-D-XX-XX

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REVISION BS

FIG 2
-ES OPTION
AVAILABLE IN LEAD STYLE -02 & -03 ONLY
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

FTSH-50-D

.188[4.78] REF

.139[3.531] REF

(No OF POS x .050[1.27]) +.061[1.55] ±.008[.20]

Ⓒ

.245[6.22] REF

FTSH-ES

.188[4.78] REF

.178[4.51]

.168[4.27] REF

.090[2.296] REF
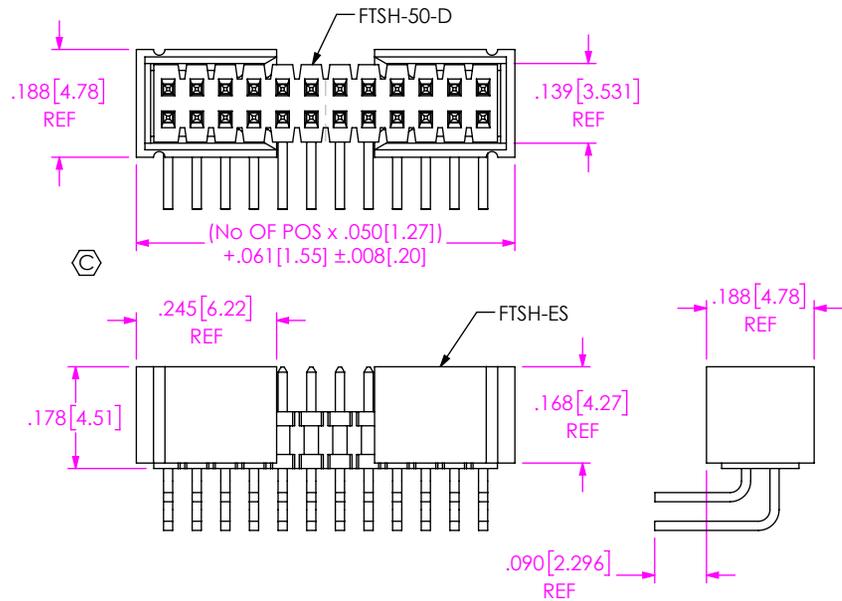
FIG 3
-EJ OPTION
(FOR EXISTING CUSTOMERS ONLY)
AVAILABLE IN LEAD STYLE -01 ONLY
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(SEE NOTE 5 ON SHEET 1)

FTSH-50-D

.222[5.65] REF

.091[2.31] REF

.440[11.18] REF

No OF POS x .050[1.27] + .621[15.77] ±.010[.25]

USE FTSH-EJEHA SUB ASSEMBLY
(2 REQ'D PER ASSEMBLY - EACH
USES 1 EHA-02, 1 FTSH-EJ)
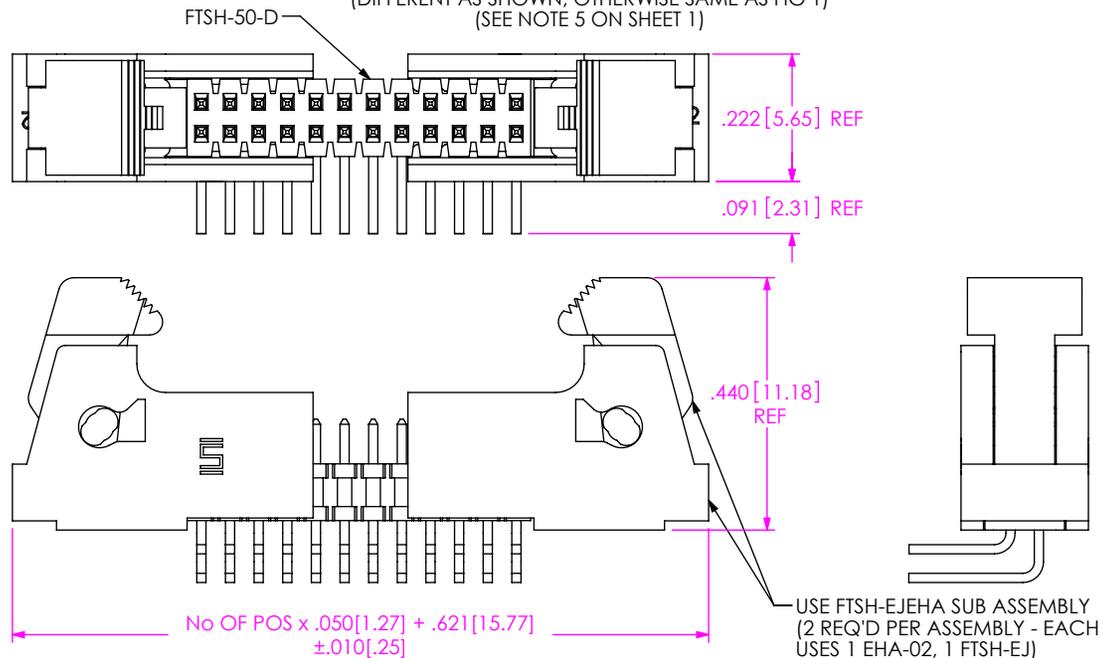
FIG 4
-EL OPTION
(USE ONLY WHEN MATING WITH CLP)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)

No OF POS x .050[1.27] + .257[6.53] REF

No OF POS x .050[1.27] + .153[3.89] REF

.188[4.78] REF

.125[3.18] REF

FTSH-EL

.303[7.68]

No OF POS x .050[1.27] + .223[5.66] ±.008[.20]

.090[2.29] REF

No OF POS x .050[1.27] + .231[5.87] ±.008[.20]

Ø.075[1.91] REF

.330[8.38] REF

.188[4.78] REF

.120[3.05]

FTSH-EP

.298[7.56]

No OF POS x .050[1.27] + .156[3.96] REF

.090[2.29] REF
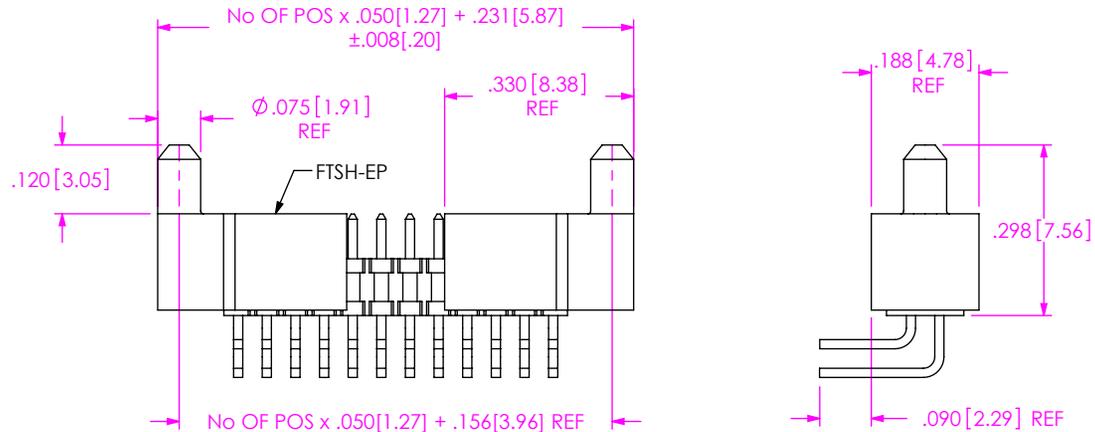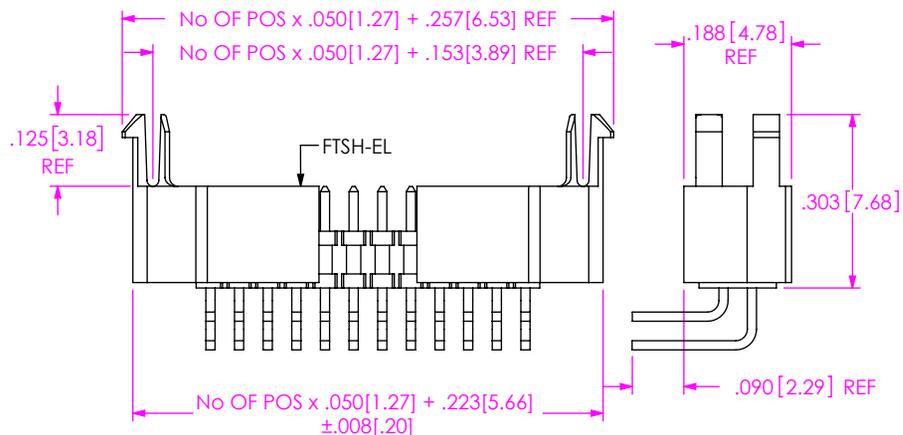
FIG 5
-EP OPTION
(USE ONLY WHEN MATING WITH CLP)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)

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

DESCRIPTION:
.050 x .050 C.L. DOUBLE HORIZONTAL TERMINAL STRIP

DWG. NO.
FTSH-1XX-XX-XX-D-XX-XX

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PACKAGING TUBES

PT-FTSH005-RA

-RA

PT-1-24-03-38

-K

PT-FTSH008-RA-EX

-ES

PT-FTSH008-RA-EX

-EP

PT-FTSH008-RA-EX

-EL

PT-1-24-06-40

-EJ
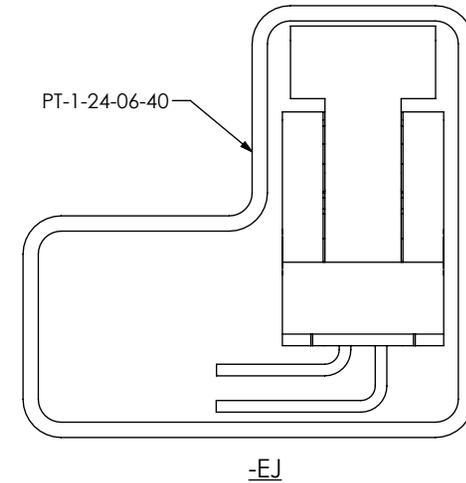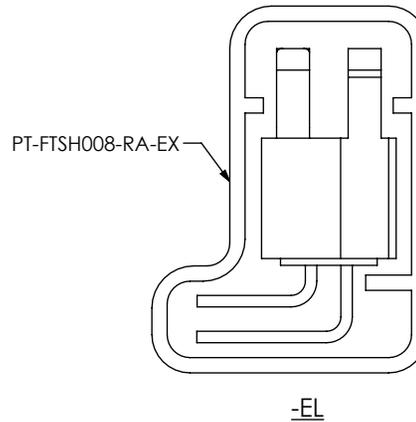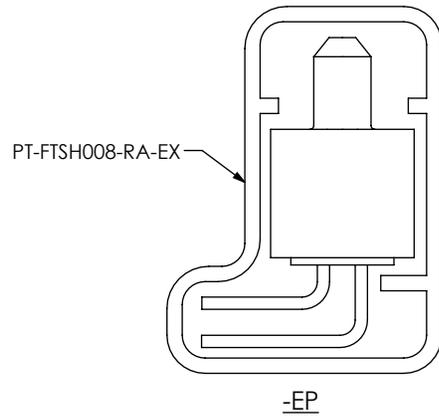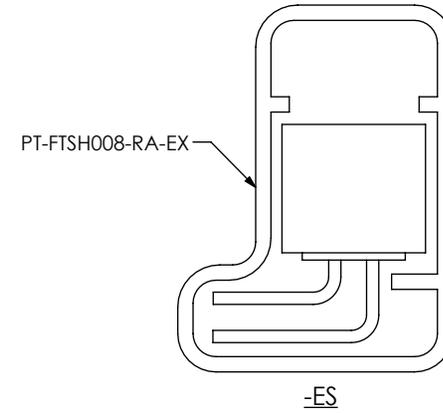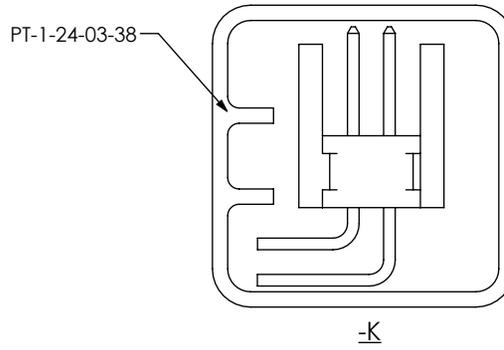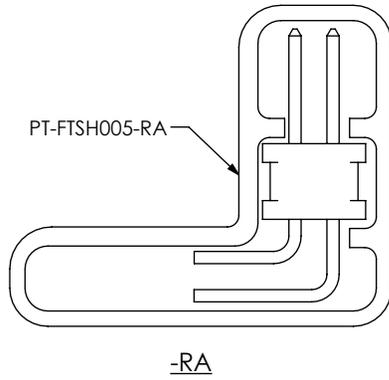
TABLE 4		
LEAD STYLE	PACKAGING TUBE	PLUG
-04 (NO OPTIONS)	PT-FTSH005-RA	TP-24
-02, -03, (NO OPTIONS)		
-01-FC		
-01-FE		
-01-RA		
-02-EL, -03-EL	PT-FTSH008-RA-EX	TP-03
-02-ES, -03-ES		
-02-EP, -03-EP		
-01-EJ	PT-1-24-06-40	TR-03
-01-RA-K	PT-1-24-03-38	TP-03

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

DO NOT SCALE DRAWING

SHEET SCALE: 2:1

SAMTEC

DESCRIPTION:
.050 x .050 C.L. DOUBLE HORIZONTAL TERMINAL STRIP

DWG. NO.
FTSH-1XX-XX-XX-D-XX-XX

BY: BRATCHER 08/17/1995   SHEET 3 OF 3