

- NOTES:  
 1.  $\text{\textcircled{C}}$  REPRESENTS A CRITICAL DIMENSION  
 2. MINIMUM PUSH OUT FORCE: .5 LB.  
 3. MAXIMUM BURR ALLOWED: .002 [.05].  
 4. MAXIMUM CUT FLASH ALLOWED IN NON- CRITICAL AREA: .010 [.25], NO CUT FLASH ALLOWED IN CRITICAL AREAS AS SHOWN.  
 5. MAXIMUM HEIGHT VARIATION .005 [.13] BETWEEN ROWS.  
 6. APPLIES TO FIRST AND LAST PIN OF EACH ROW.

PATENT NUMBERS  
 5713755 / 5961339

FTSH-1XX-XX-XXX-DH-XX

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

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

- OPTIONS  
 -TR: TAPE AND REEL  
 -A: ALIGNMENT PIN  
 (SEE FIG 2, SHEET 2 & FIG 3, SHEET 3)  
 (MOLDED TO POSITION OR STAKED)  
 (SAMTEC DISCRETION WHICH -A PIN IS USED)  
 (STAKED 8 POSITION MIN. SEE FIG 3, SHEET 3, USE FTSH-XX-DH)  
 (MOLDED 5 POSITION MIN. SEE FIG 2, SHEET 2, USE FTSH-XX-DH-AXX)  
 -C: POLYIMIDE FILM  
 (SEE FIG 4, SHEET 3)

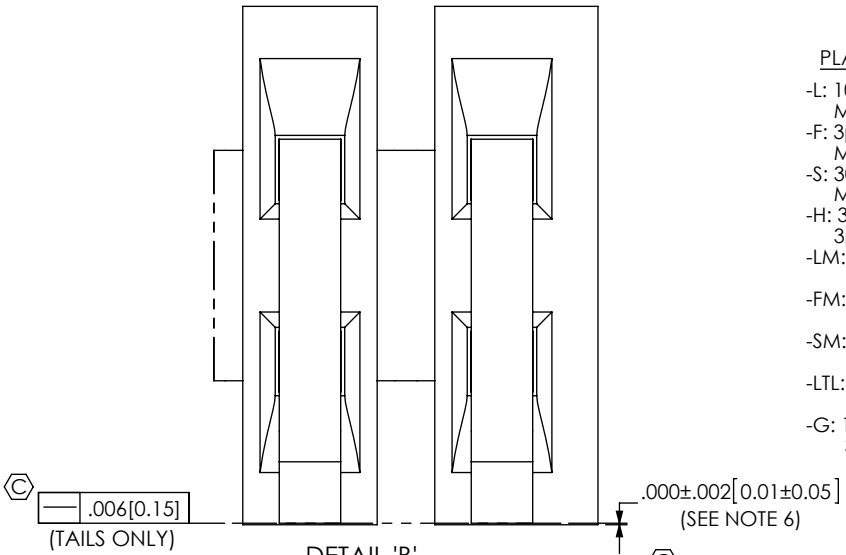
PLATING SPECIFICATION

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

TAIL OPTION

- DH: DOUBLE HORIZONTAL  
 (USE \*\*FTSHC-1XX-XX-XXX-DH UNLESS -A OPTION IS SPECIFIED, THEN USE FTSH-XX-DH-XX AND BUILD PER PRINT)

\*\* = SEE FTSHC-1XX-XX-XXX-DX-XX PRINT FOR DETAILS



DETAIL 'B'  
 SCALE 20 : 1

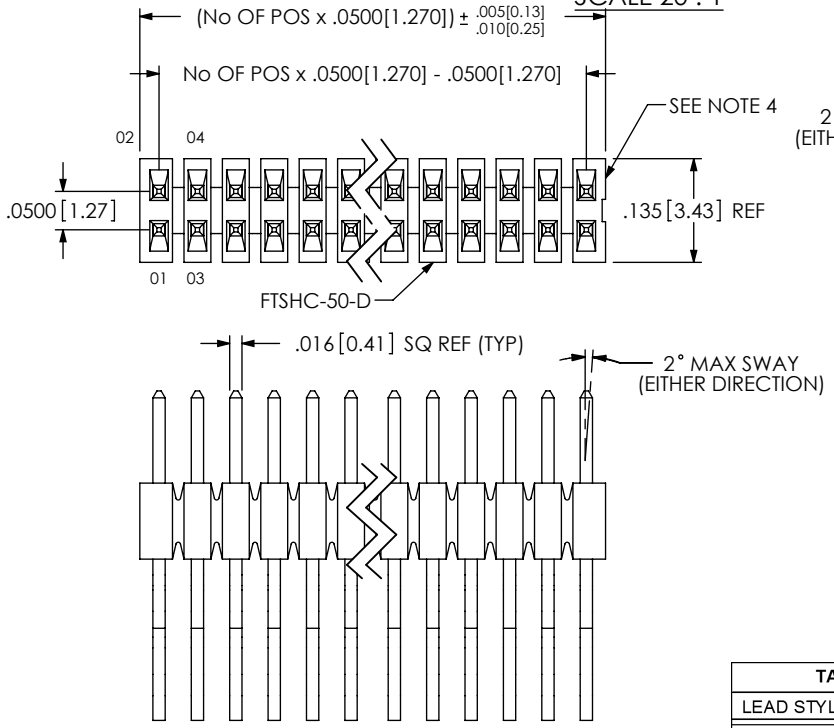


FIG 1  
 FTSHC-1XX-XX-XXX-DH SHOWN  
 (SEE FTSHC-1XX-XX-XXX-DX-XX PRINT FOR DETAILS)

TABLE 1	
LEAD STYLE	"A"
-01	.120 [3.05]
-02	.075 [1.91]
-04	.150 [3.81]

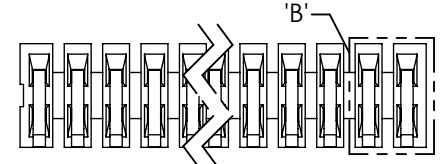
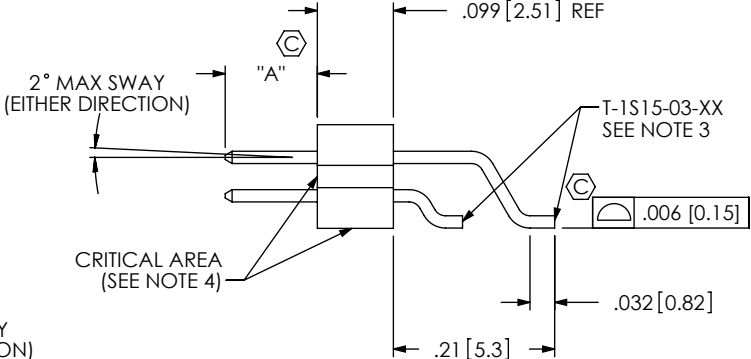


TABLE 3	
No OF POS PER FINISHED ASSM	No OF FINISHED ASSEMBLIES PER FULL STRIP
4 - 5	10
6 - 10	5
11 - 16	3
17 - 25	2
26 - 50	1

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.  
 TOLERANCES ARE:  
 DECIMALS ANGLES  
 .XX: ±.01 [.3] 2°  
 .XXX: ±.005 [.13]  
 .XXXX: ±.0020 [.051]

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 4:1  
 INSULATOR: LCP, UL 94-V0 COLOR: BLACK  
 TERMINAL: PHOSPHOR BRONZE, ALLOY No. 510, GRADE A, FED. SPEC. QQ-B-750, SPRING TEMPER



520 PARK EAST BLVD, NEW ALBANY, IN 47150  
 PHONE: 812-944-6733 FAX: 812-948-5047  
 e-Mail: info@SAMTEC.com code 53322

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

DWG. NO.  
**FTSH-1XX-XX-XXX-DH-XX**

BY: BRATCHER 01/04/1995 SHEET 1 OF 3

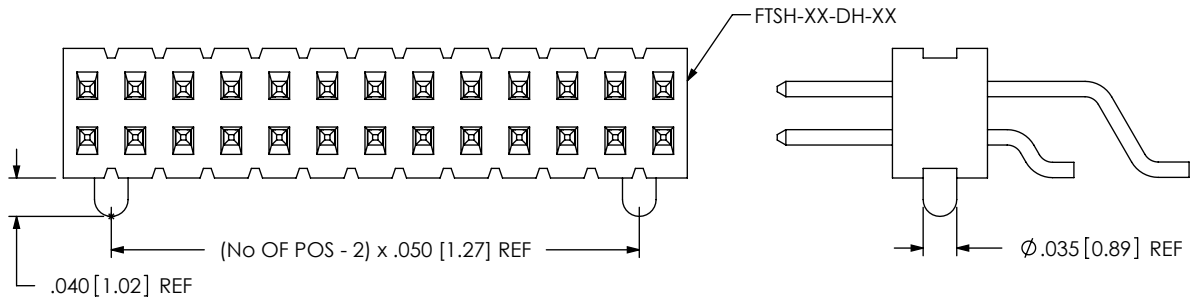
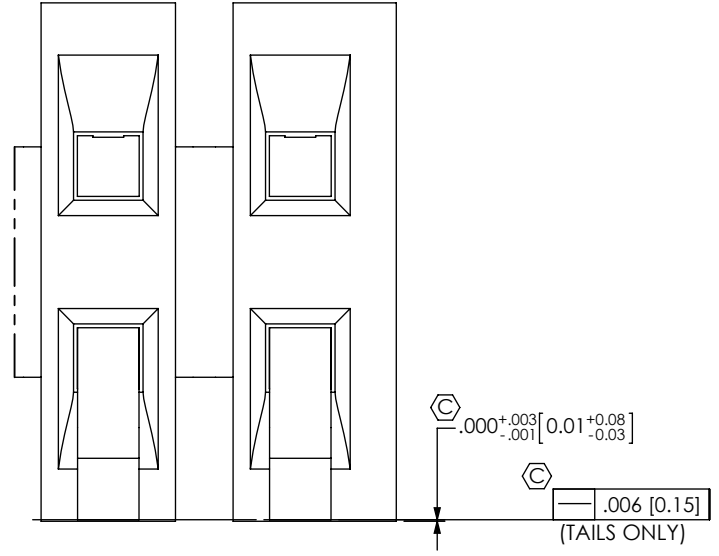
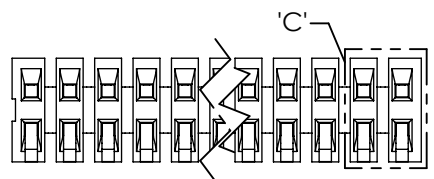
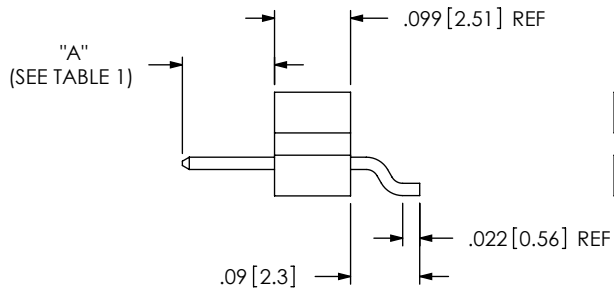
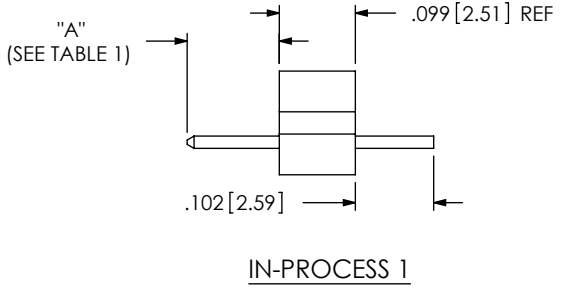
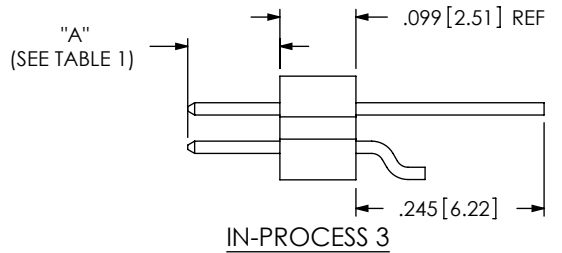


FIG 2  
-A: ALIGNMENT PIN (MOLDED) OPTION  
DIFFERENT AS SHOWN, OTHERWISE  
SAME AS FIG 1



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DO NOT SCALE DRAWING

SHEET SCALE: 2:1



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DWG. NO.  
FTSH-1XX-XX-XXX-DH-XX

BY: BRATCHER 01/04/1995 SHEET 2 OF 3

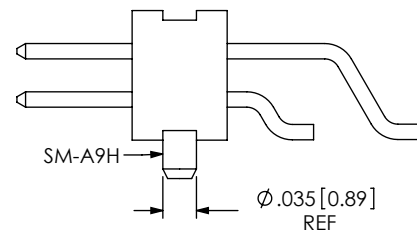
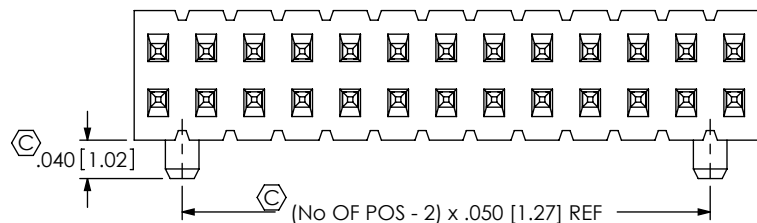
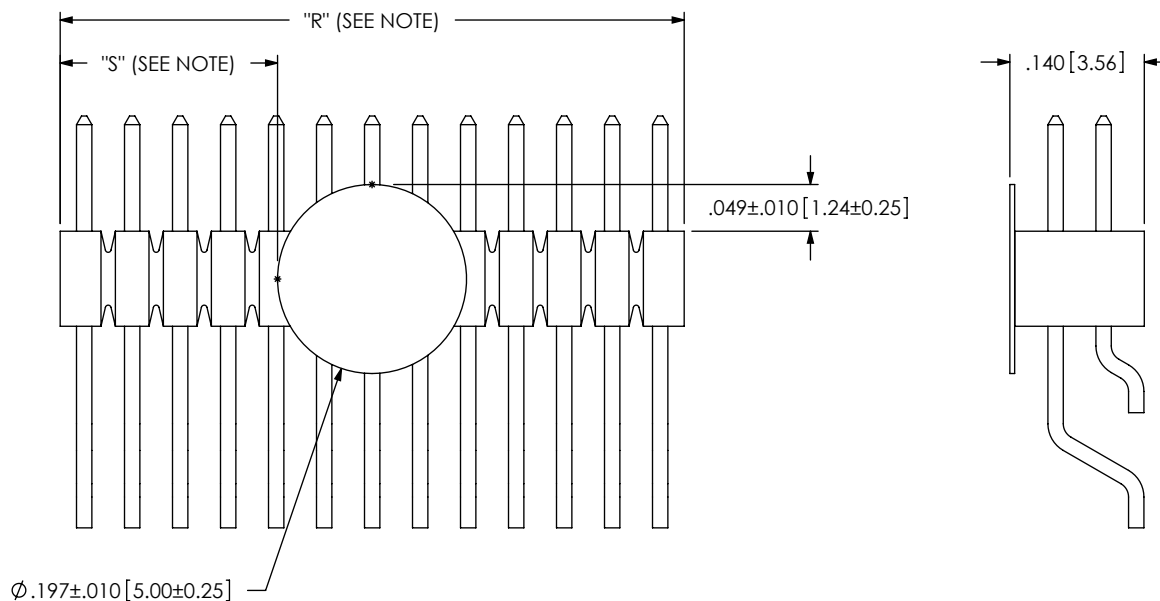
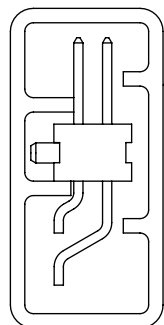


FIG 3  
 -A: ALIGNMENT PIN (STAKED) OPTION  
 DIFFERENT AS SHOWN, OTHERWISE  
 SAME AS FIG 2



NOTE: "R" = USED MEASURED DIMENSION (REF)  
 "S" = (( "R" - .1969 [5.001] ) / 2) ±.020 [.51]

FIG 4  
 -C: POLYIMIDE FILM



PT-FTSH001-DH

- PACKAGING NOTES:
1. PACKAGE POSITIONS 10 THROUGH 50 IN TUBES.
  2. POSITIONS 02 THROUGH 09 ARE TO BE LAYER PACKAGED. EXCEPT FOR -C OPTION, TUBE POSITIONS 05 THROUGH 50.
  3. ALL PART POSITIONS 05 THROUGH 50 USE PT-FTSH001-DH.
  4. USE TP-24 PLUG.

PACKAGING VIEW

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

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SHEET SCALE: 2:1



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DWG. NO.  
**FTSH-1XX-XX-XXX-DH-XX**

BY: BRATCHER 01/04/1995 SHEET 3 OF 3