

NOTES:  
 1.  $\diamond$  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)

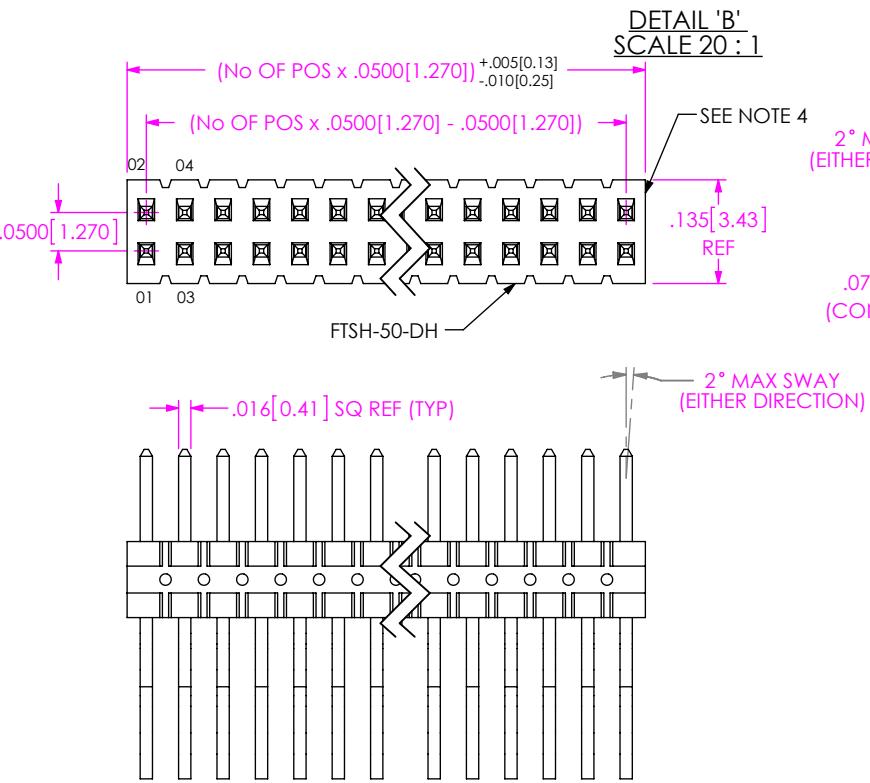
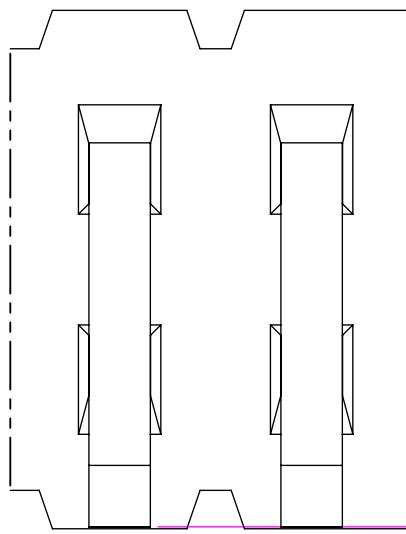
LEAD STYLE

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

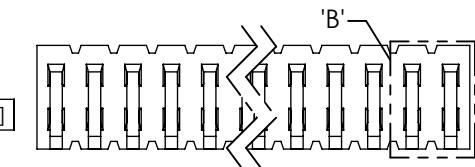
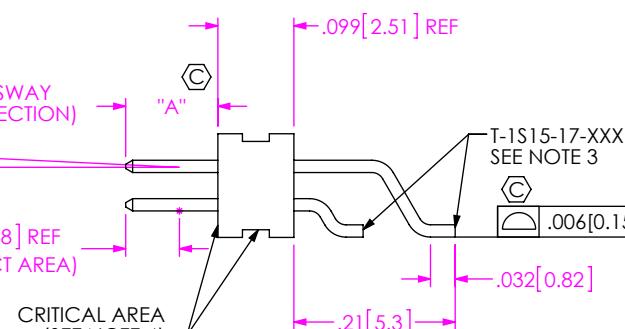
PLATING SPECIFICATION

-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

.000 $\pm$ .002 [0.00 $\pm$ 0.05]  
(SEE NOTE 6)  
 $\diamond$



\* FIG 1  
FTSH-1XX-XX-XXX-DH SHOWN



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 6 POSITION MIN. SEE FIG 3,  
 SHEET 3, USE FTSH-50-DH)  
 (MOLDED 5 POSITION MIN. SEE FIG 2,  
 SHEET 2, USE FTSH-50-DH-AXX)  
 -C: POLYIMIDE FILM  
 (USE K-DOT-.197-.344-.005)  
 (SEE FIG 4, SHEET 3)

TAIL OPTION

-DH: DOUBLE HORIZONTAL

UNLESS OTHERWISE SPECIFIED,  
 DIMENSIONS ARE IN INCHES.  
 TOLERANCES ARE:  
 DECIMALS                    ANGLES  
 .XX:  $\pm$ .01 [3]  
 .XXX:  $\pm$ .005 [13]  
 .XXXX:  $\pm$ .0020 [0.051]

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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

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

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

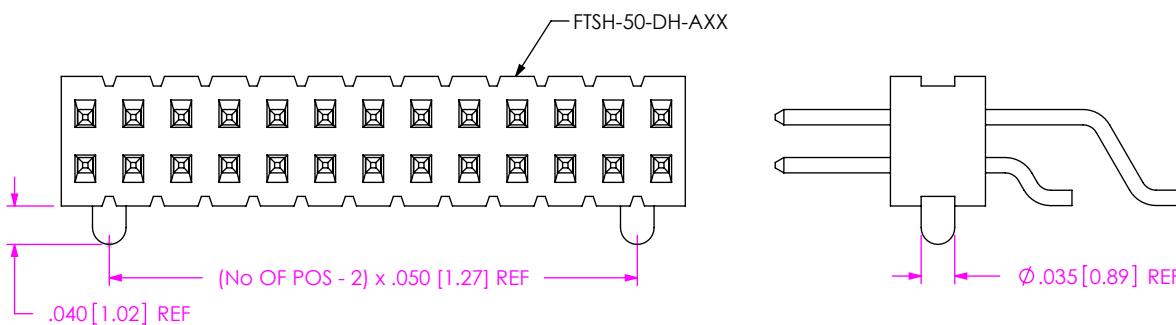
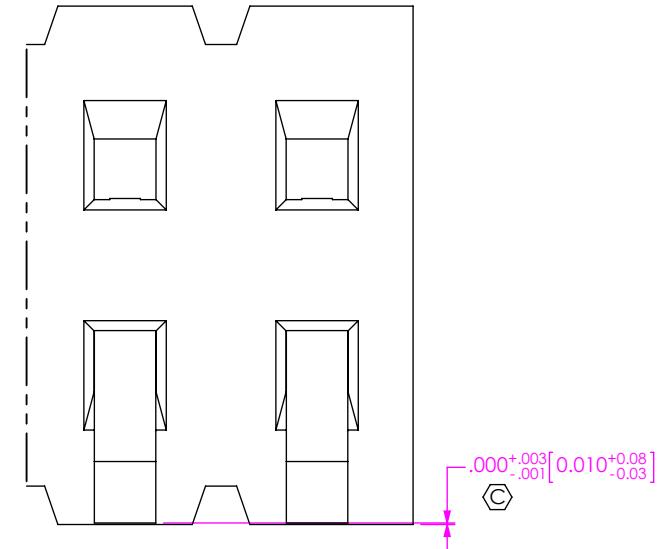
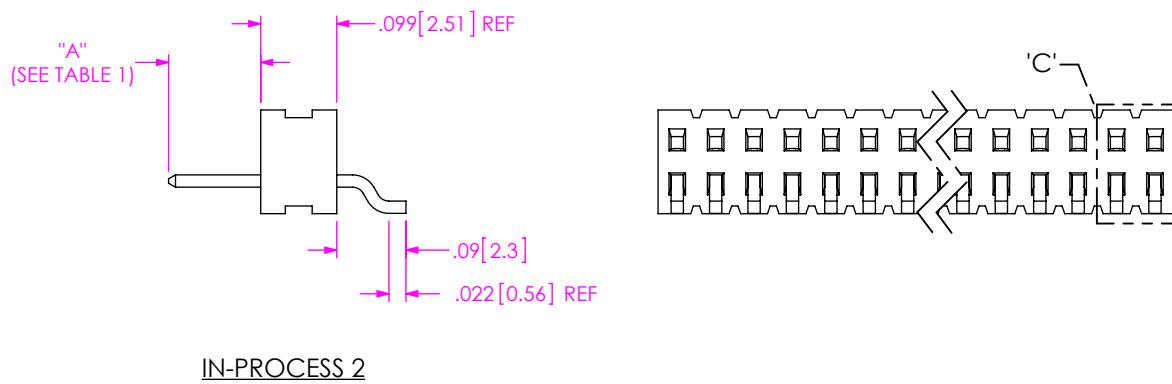
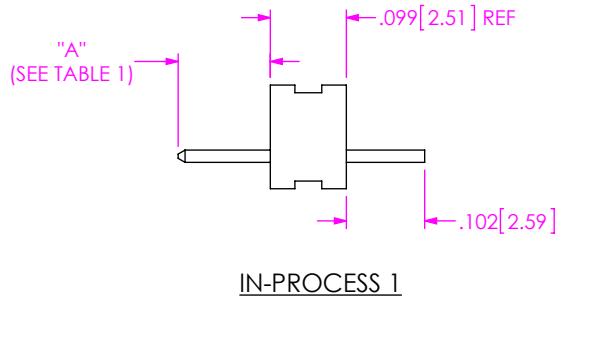


FIG 2  
-A: ALIGNMENT PIN (MOLDED) OPTION  
DIFFERENT AS SHOWN, OTHERWISE  
SAME AS FIG 1

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1

DWG. NO.

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DESCRIPTION: .050 x .050 C.L. DOUBLE HORIZONTAL TERMINAL STRIP  
BY: BRATCHER 01/04/1995 SHEET 2 OF 3

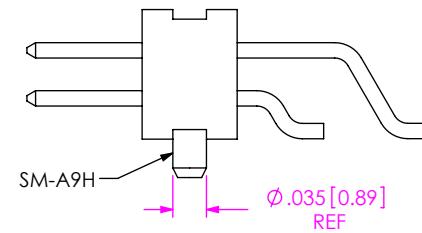
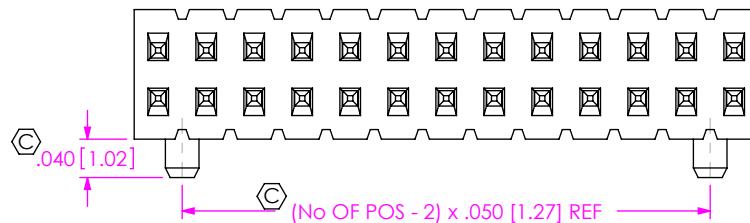


FIG 3  
-A: ALIGNMENT PIN (STAKED) OPTION  
-B: POLYIMIDE FILM  
DIFFERENT AS SHOWN, OTHERWISE  
SAME AS FIG 2

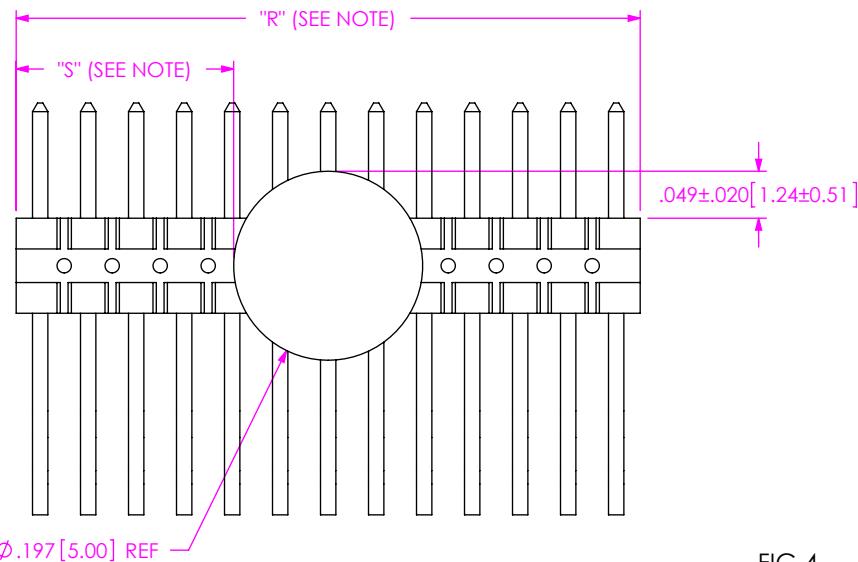
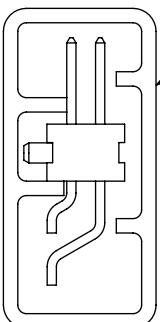


FIG 4  
-C: POLYIMIDE FILM

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



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

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DWG. NO.

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

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