

NOTES:

1. REPRESENTS A CRITICAL DIMENSION
2. MINIMUM PUSH OUT FORCE: .5 LB.
3. MAXIMUM BURR ALLOWED: .002[.05].
4. MAXIMUM CUT FLASH:
  - NO CUT FLASH ALLOWED ON THE BOTTOM
  - MATING SURFACE CUT FLASH ALLOWED .010[0.25], THE REST NON-CRITICAL AREA ALLOWED .015[0.38].
  - LOOSE CUT FLASH MUST BE REMOVED.
5. MAXIMUM HEIGHT VARIATION .005[.13] BETWEEN ROWS.
6. APPLIES TO FIRST AND LAST PIN.

DO NOT SCALE FROM THIS PRINT

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

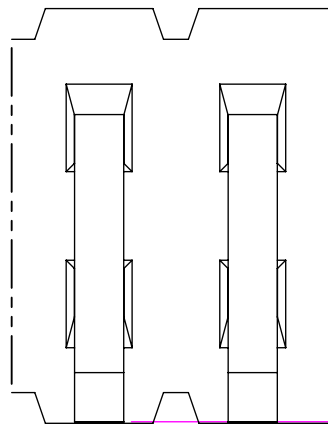
- TR: TAPE AND REEL  
(SEE FIG 2, SHEET 2 & FIG 3, SHEET 3)  
(MOLDED TO POSITION OR STAKED)  
(SAMTEC DISCRETION WHICH -A PIN IS USED)  
(STAKED 6 POSITION MIN. SEE FIG 3, SHEET 3, USE FTSH-50-DH)  
(MOLDED 5 POSITION MIN. SEE FIG 2, SHEET 2, USE FTSH-50-DH-AXX)
- A: ALIGNMENT PIN  
(USE K-DOT-.197-.344-.005)
- C: POLYIMIDE FILM  
(USE K-DOT-.197-.344-.005)  
(SEE FIG 4, SHEET 3)

PLATING SPECIFICATION

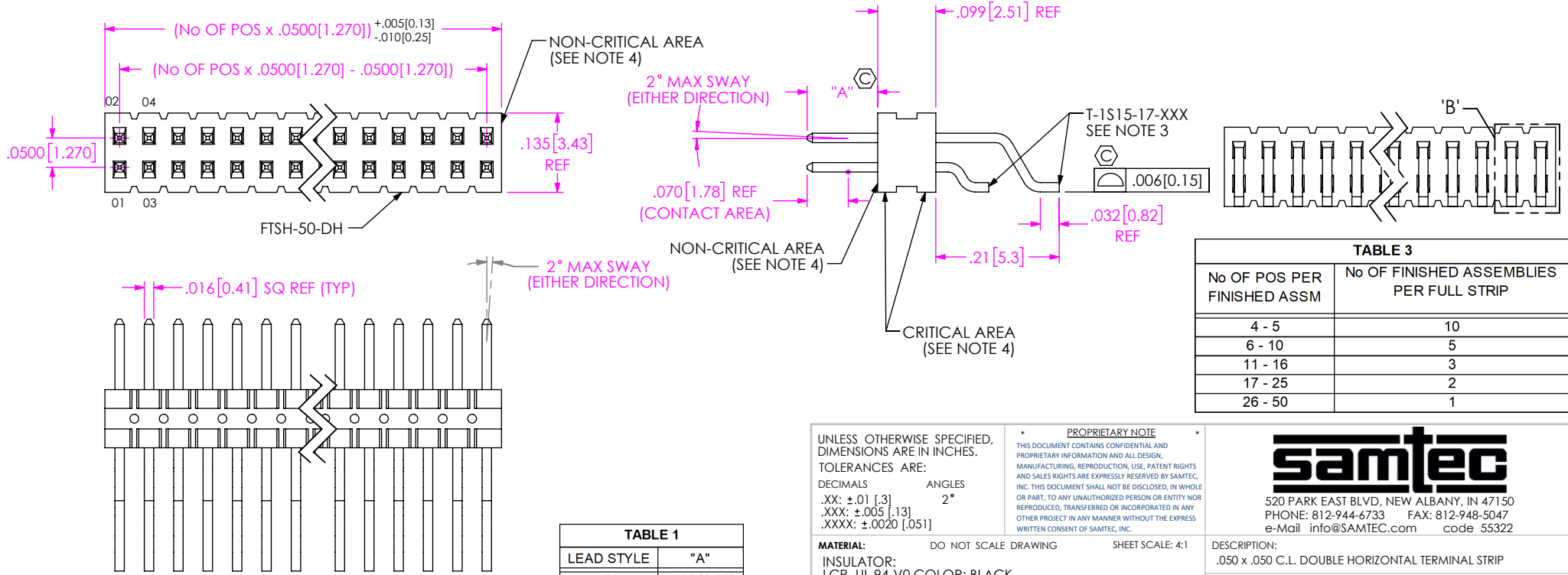
- L: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- F: 3μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- H: 30μ" GOLD IN CONTACT AREA, 3μ" GOLD ON TAIL
- LM: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- FM: 3μ" SELECTIVE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

TAIL OPTION

-DH: DOUBLE HORIZONTAL



DETAIL 'B'  
SCALE 16:1



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

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

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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:  
DECIMALS ANGLES  
.XX: ±.01 [.3]  
.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

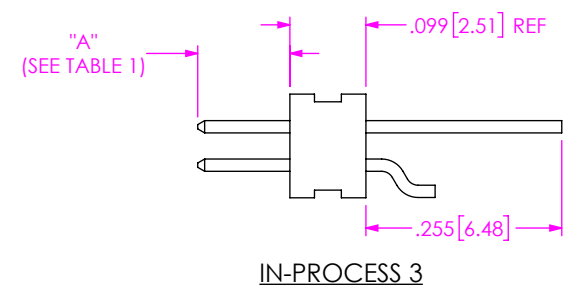
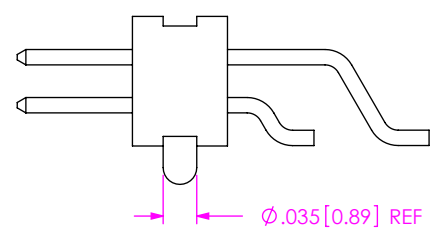
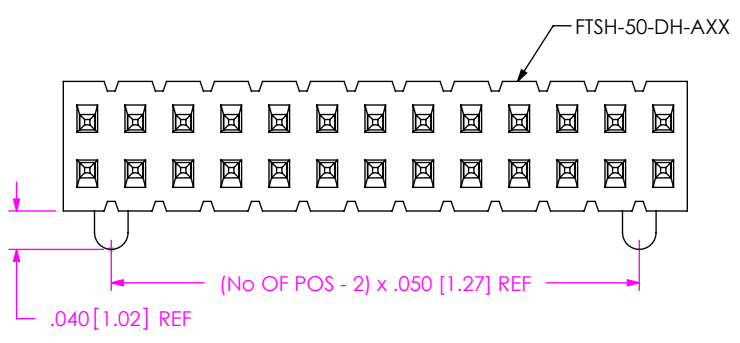
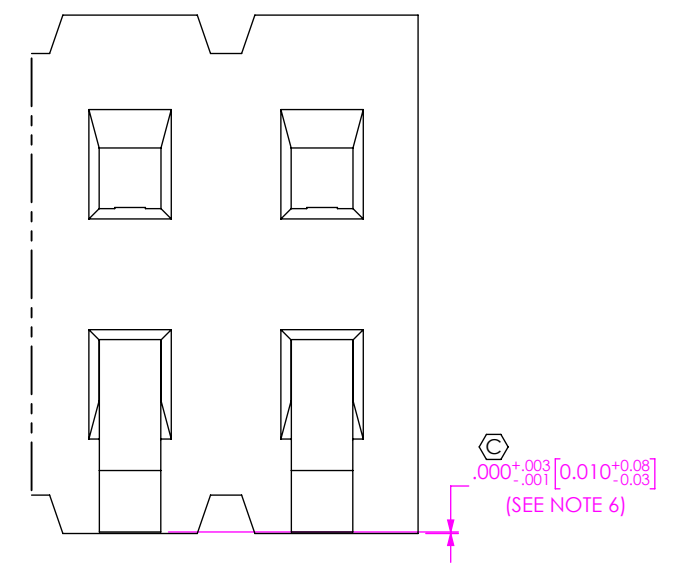
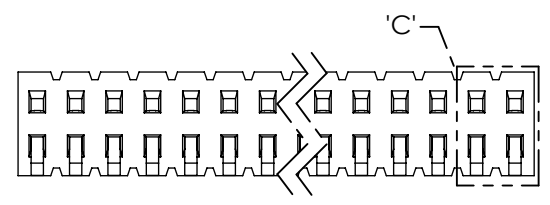
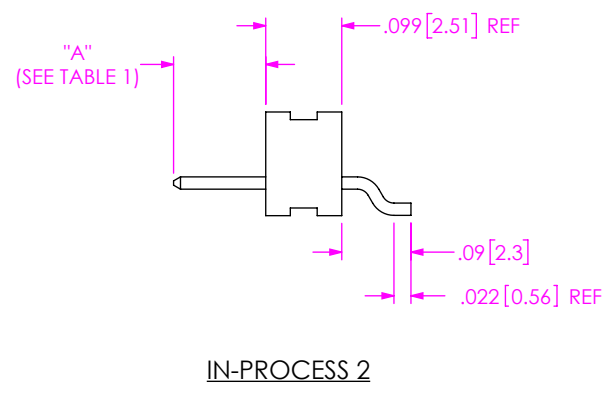
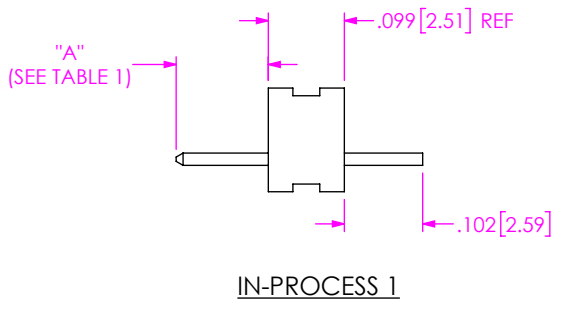


FIG 2  
-A: ALIGNMENT PIN (MOLDED) OPTION  
DIFFERENT AS SHOWN, OTHERWISE  
SAME AS FIG 1

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DO NOT SCALE DRAWING  
SHEET SCALE: 2:1

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

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

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

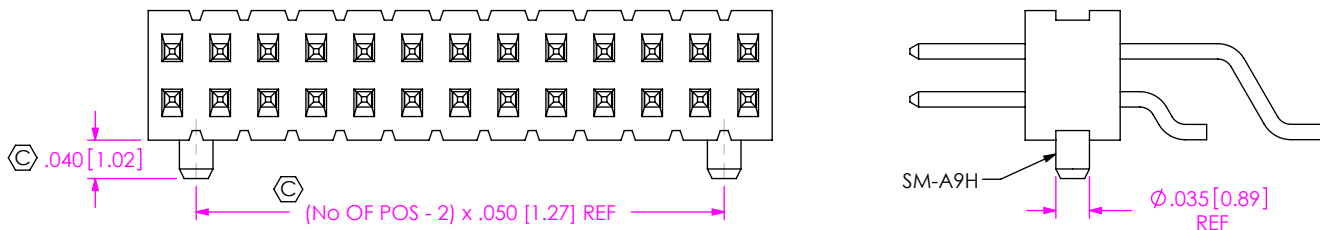


FIG 3  
 -A: ALIGNMENT PIN (STAKED) OPTION  
 DIFFERENT AS SHOWN, OTHERWISE  
 SAME AS FIG 2

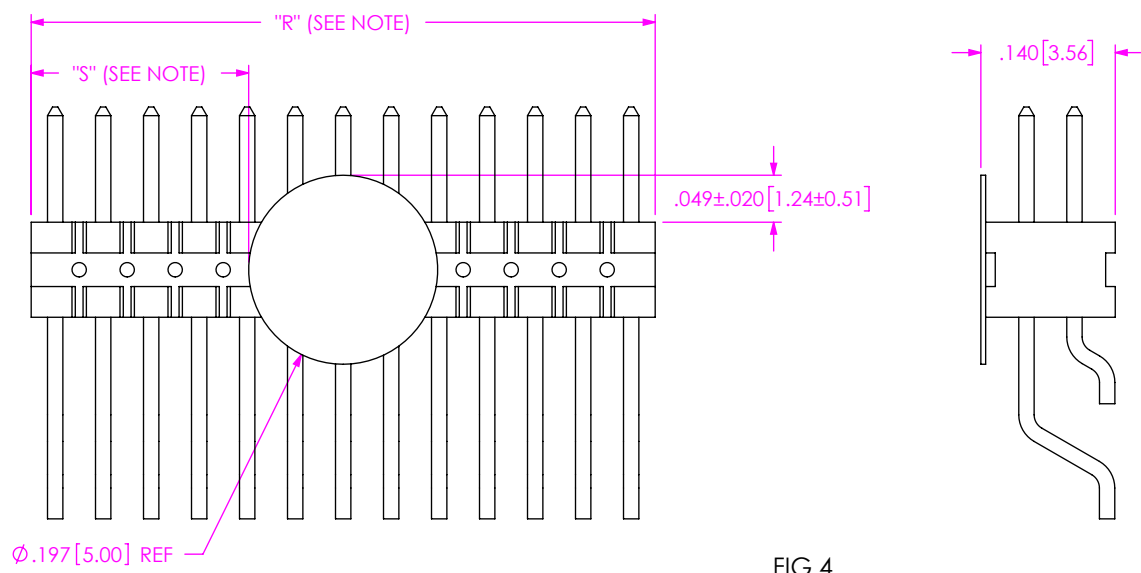
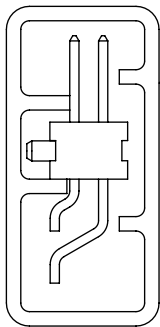


FIG 4  
 -C: POLYIMIDE FILM

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



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

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