

NOTES:

1. C 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.
7. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
8. ATTACH LABEL TO EACH REEL.

PATENT NUMBERS
5713755 / 5961339

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

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

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

PACKAGING

- BLANK: TUBES (SEE PACKAGING VIEW, SHT 3)
- TR: TAPE & REEL (SEE NOTES 7 & 8)
- FR: FULL REEL QTY TAPE & REEL (SEE NOTES 7 & 8)

PICK AND PLACE OPTION

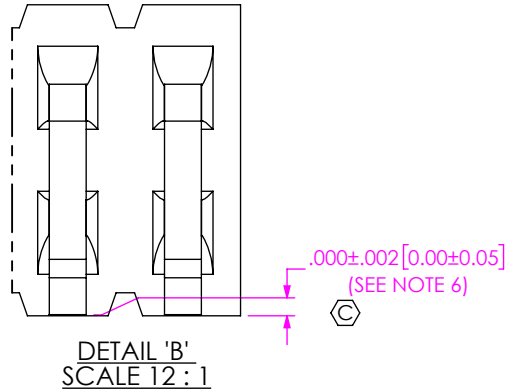
- C: POLYIMIDE FILM (USE K-DOT-.197-.344-.005) (SEE FIG 4, SHEET 3)

OPTIONS

- 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)

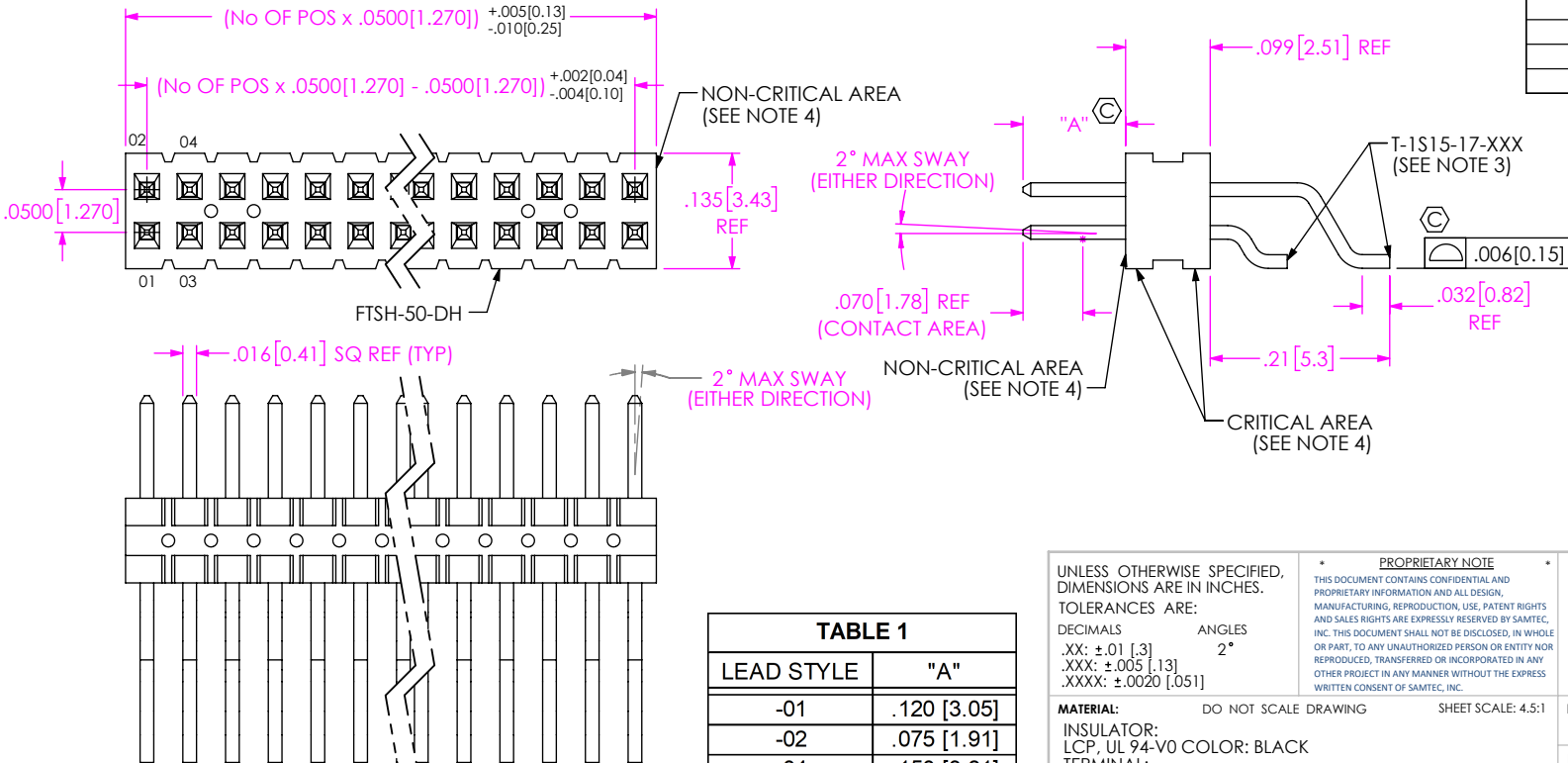
TAIL OPTION

- DH: DOUBLE HORIZONTAL

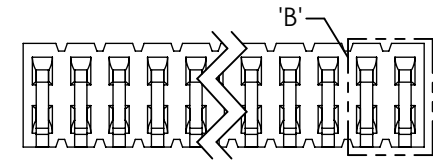


- PLATING SPECIFICATION
- L: 10 μ " SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
 - F: 3 μ " SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
 - S: 30 μ " SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
 - H: 30 μ " GOLD IN CONTACT AREA, 3 μ " GOLD ON TAIL
 - LM: 10 μ " SELECTIVE GOLD IN CONTACT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

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]



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

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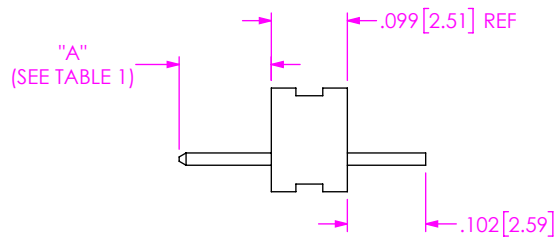
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 4.5:1
INSULATOR: LCP, UL 94-V0 COLOR: BLACK
TERMINAL: PHOSPHOR BRONZE, ALLOY No. 510, GRADE A, FED. SPEC. QQ-B-750, SPRING TEMPER



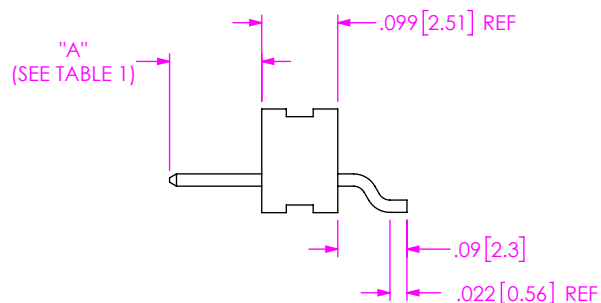
DESCRIPTION:
.050 x .050 C.L. DOUBLE HORIZONTAL TERMINAL STRIP

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

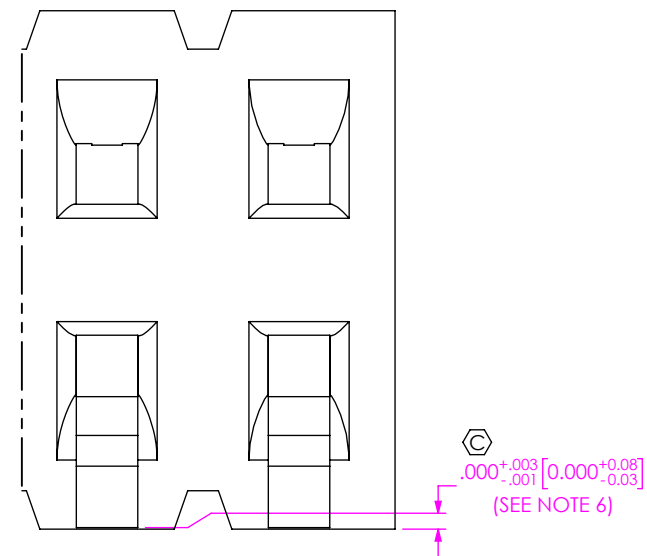
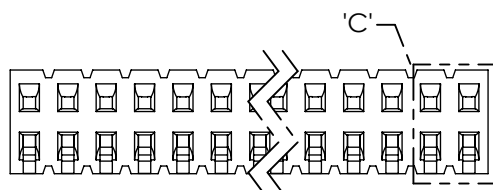
BY: BRATCHER 01/04/1995 SHEET 1 OF 3



IN-PROCESS 1



IN-PROCESS 2



DETAIL 'C'
SCALE 20:1

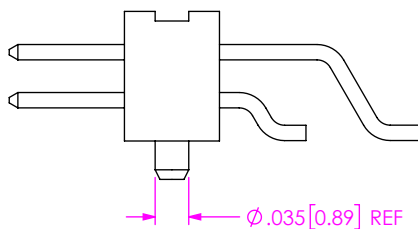
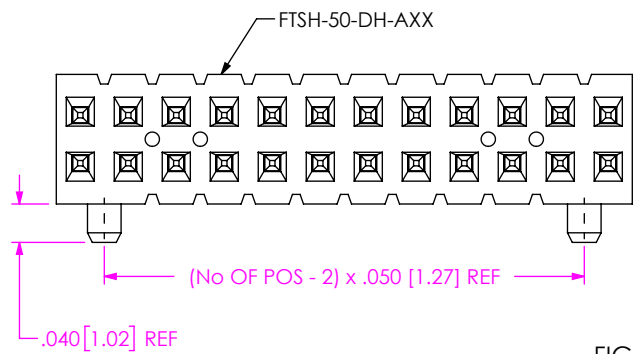
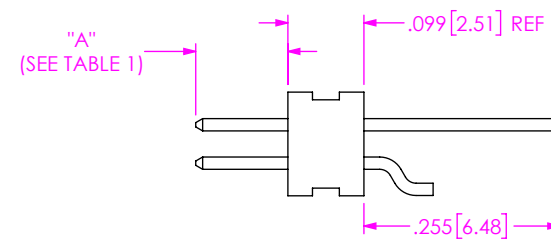


FIG 2
-A: ALIGNMENT PIN (MOLDED) OPTION
DIFFERENT AS SHOWN, OTHERWISE
SAME AS FIG 1



IN-PROCESS 3

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1

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-X-X-XX

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

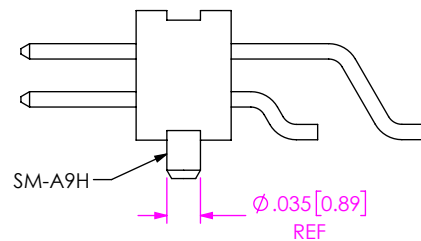
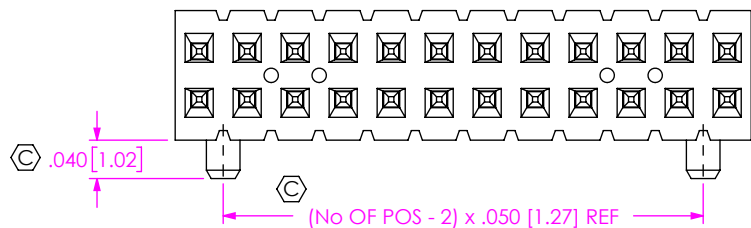


FIG 3
-A: ALIGNMENT PIN (STAKED) OPTION
DIFFERENT AS SHOWN, OTHERWISE
SAME AS FIG 2

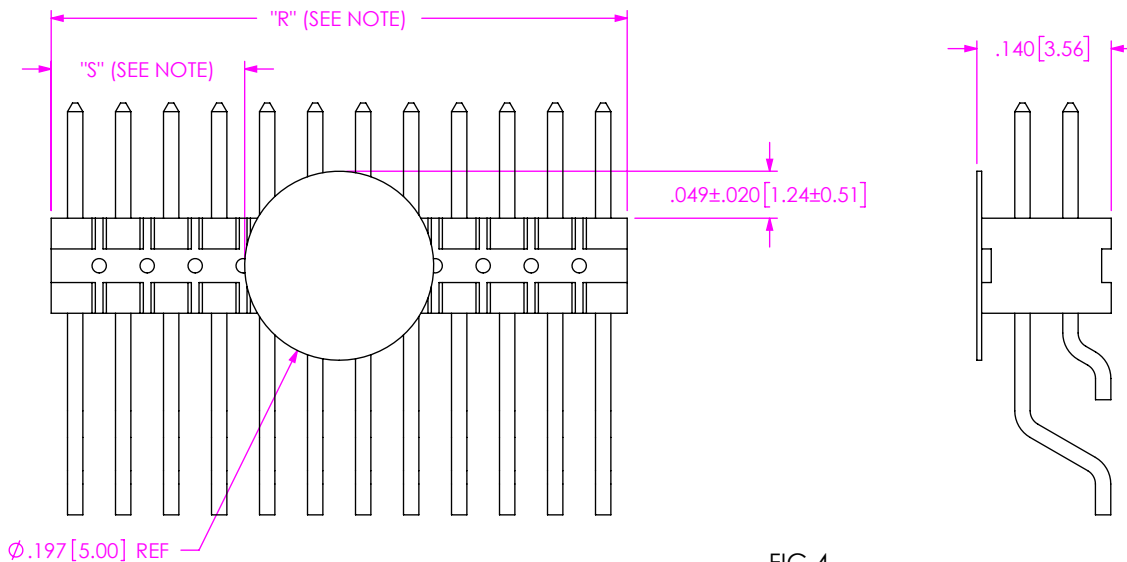
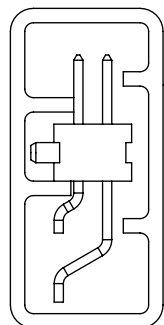


FIG 4
-C: POLYIMIDE FILM

NOTE: "R" = USED MEASURED DIMENSION (REF)
"S" = $(("R" - .1969 [5.001]) / 2) \pm .020 [0.51]$



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

c:\enterprisevault\DWG\MISC\MKTG\FTSH-1XX-XX-XXX-DH-X-X-XX-MKT.SLDDRW

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SHEET SCALE: 2:1



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

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

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