

DO NOT SCALE FROM THIS PRINT

NOTES:

1. \odot 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.

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

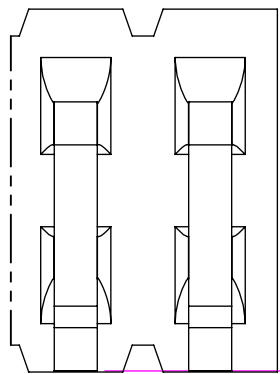
- L: 10 μ " SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- F: 3 μ " SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- S: 30 μ " SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- H: 30 μ " GOLD IN CONTACT AREA, 3 μ " GOLD ON TAIL
- LM: 10 μ " SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- 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

OPTIONS

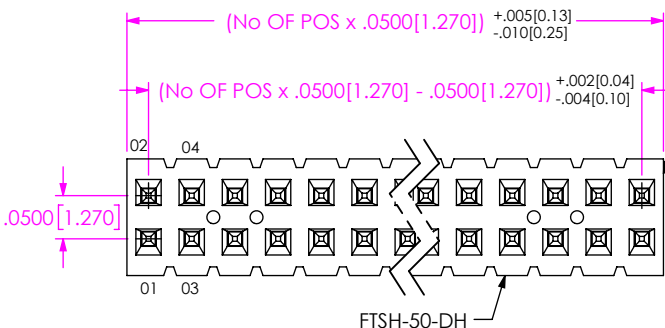
- TR: TAPE AND REEL
- A: ALIGNMENT PIN (SEE FIG 2, SHEET 2 & FIG 3, SHEET 3) (MOLDED TO POSITION OR STAKED) (SAMTEC DISCRETION WHICH -A PIN IS USED) (STAKED 6 POSITION MIN. SEE FIG 3, SHEET 3, USE FTSH-50-DH) (MOLDED 5 POSITION MIN. SEE FIG 2, SHEET 2, USE FTSH-50-DH-AXX)
- C: POLYIMIDE FILM (USE K-DOT-.197-.344-.005)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

TAIL OPTION

- DH: DOUBLE HORIZONTAL



DETAIL 'B'
SCALE 14:1



NON-CRITICAL AREA (SEE NOTE 4)

2° MAX SWAY (EITHER DIRECTION)

.070 [1.78] REF (CONTACT AREA)

2° MAX SWAY (EITHER DIRECTION)

NON-CRITICAL AREA (SEE NOTE 4)

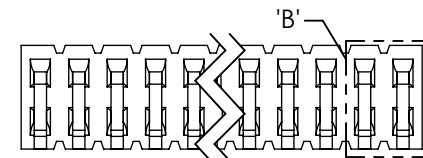
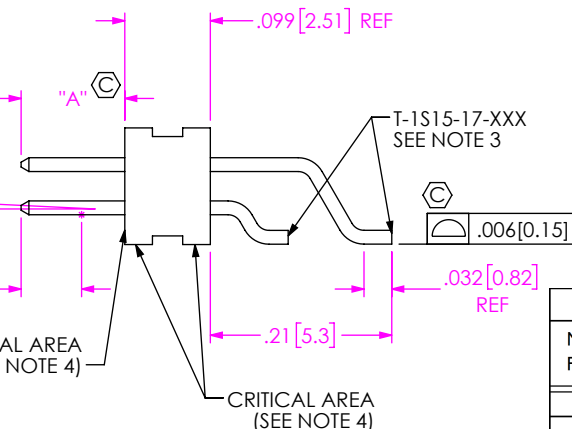


TABLE 3

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

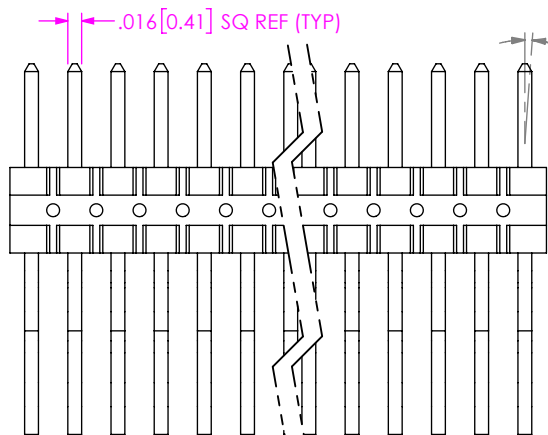


FIG 1
FTSH-1XX-XX-XXX-DH SHOWN

TABLE 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]
- .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

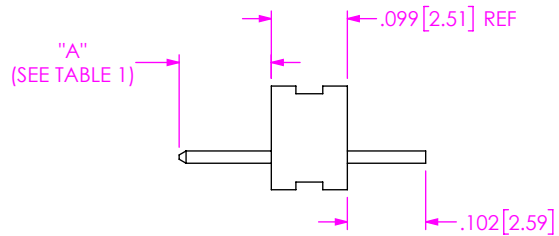


520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 53322

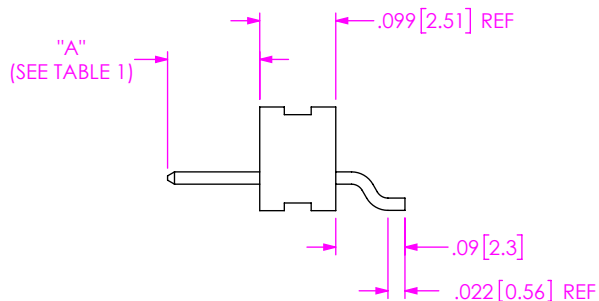
DESCRIPTION:
.050 x .050 C.L. DOUBLE HORIZONTAL TERMINAL STRIP

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

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



IN-PROCESS 1



IN-PROCESS 2

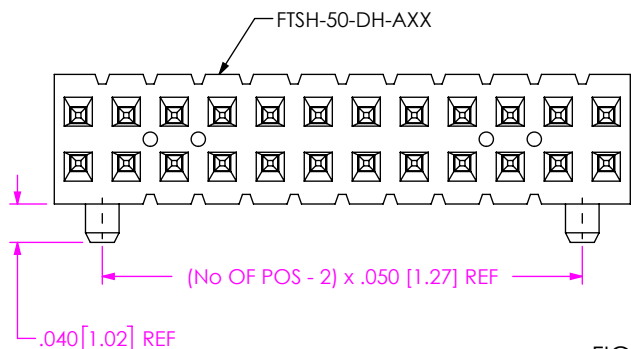
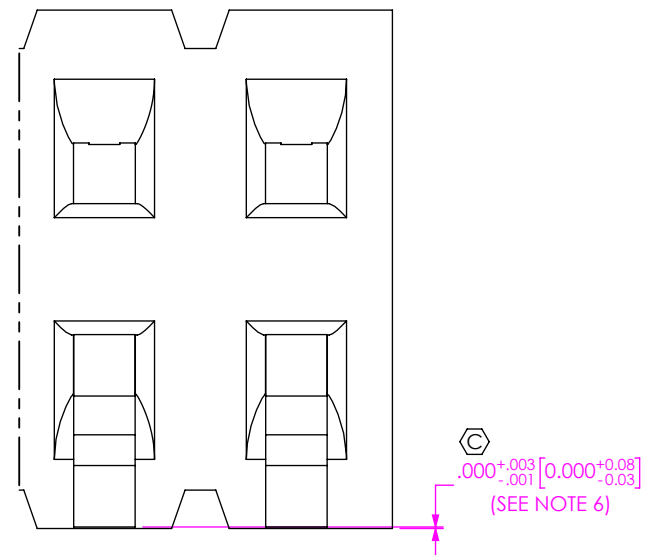
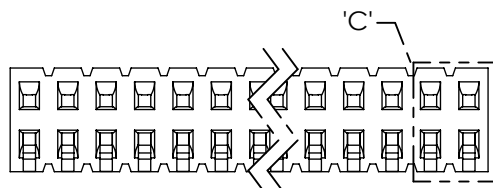
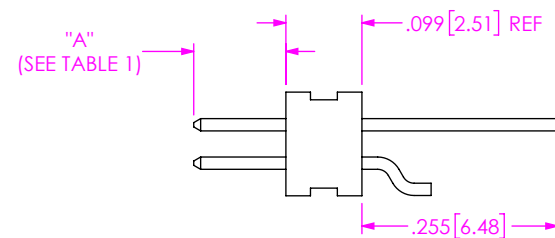
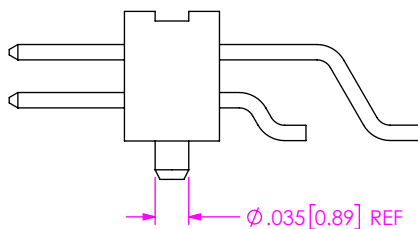


FIG 2
-A: ALIGNMENT PIN (MOLDED) OPTION
DIFFERENT AS SHOWN, OTHERWISE
SAME AS FIG 1



IN-PROCESS 3

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SHEET SCALE: 2:1



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

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

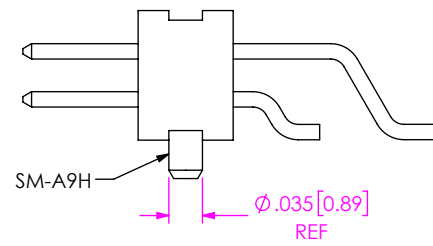
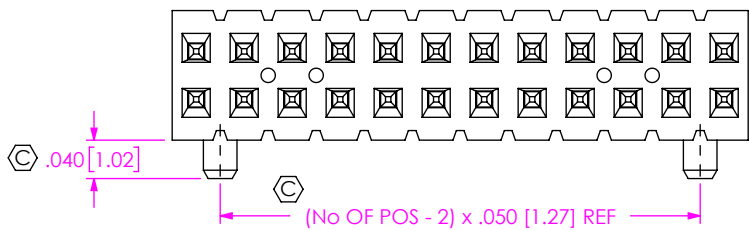


FIG 3
-A: ALIGNMENT PIN (STAKED) OPTION
DIFFERENT AS SHOWN, OTHERWISE
SAME AS FIG 2

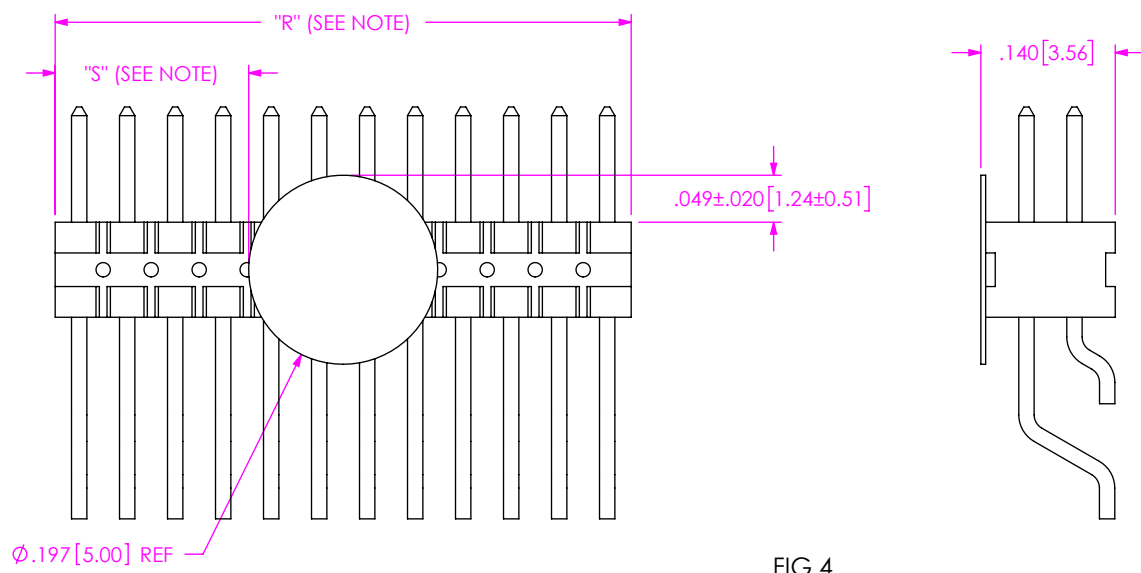
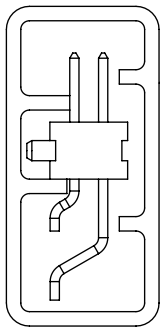


FIG 4
-C: POLYIMIDE FILM

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



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

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

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

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