

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.

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

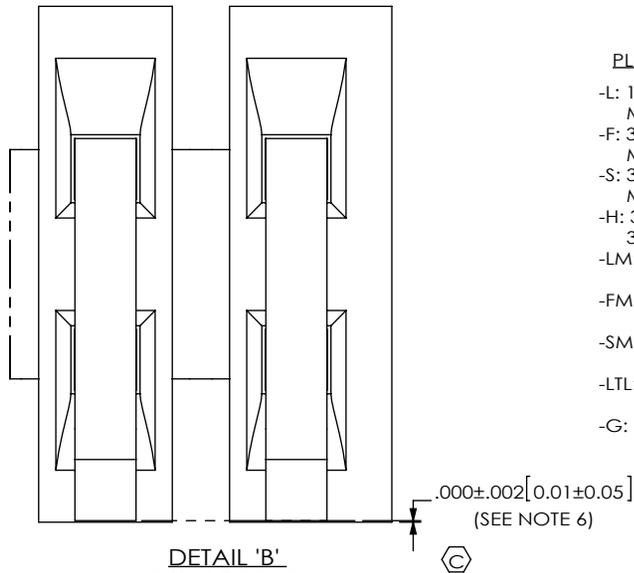
PLATING SPECIFICATION

- 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

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

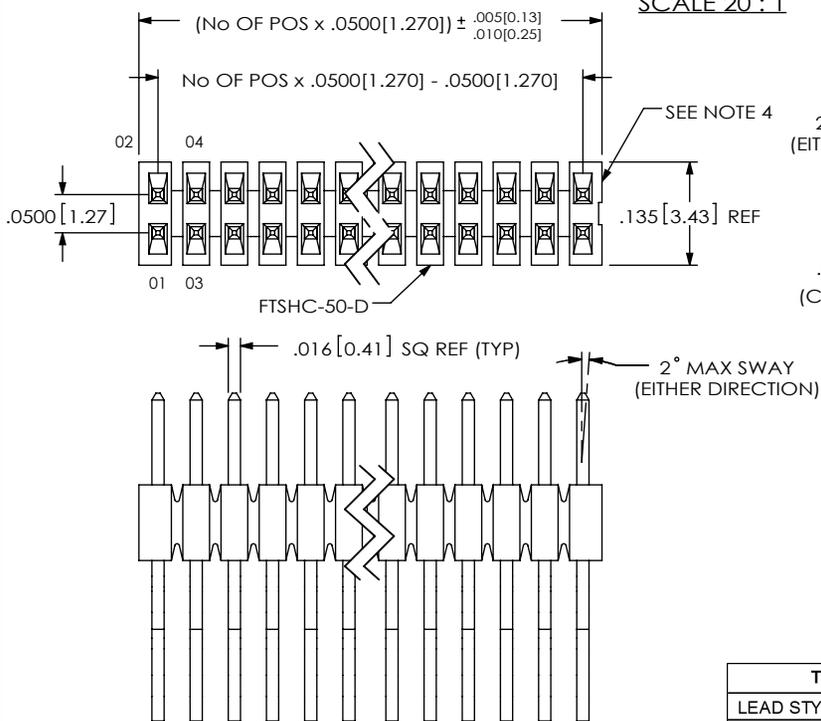


FIG 1

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

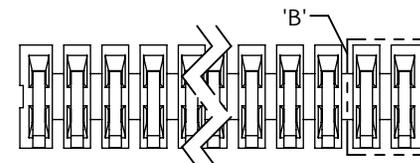
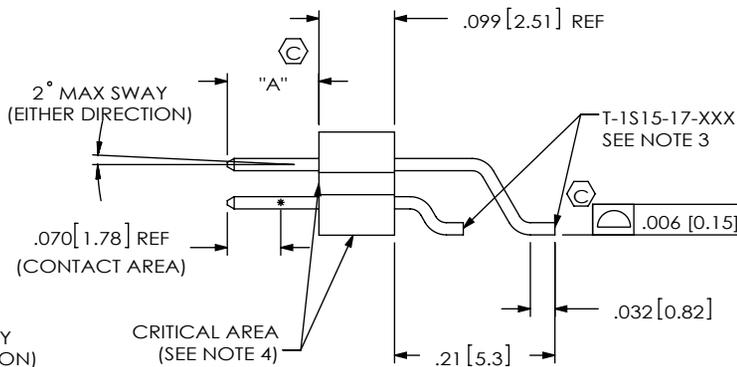


TABLE 3

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

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: ±.01 [.3] 2°
.XXX: ±.005 [.13]
.XXXX: ±.0020 [.051]

PROPRIETARY NOTE

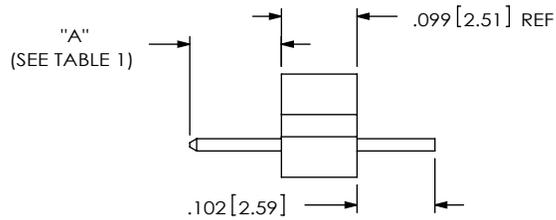
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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 4:1
INSULATOR: LCP, UL 94-V0 COLOR: BLACK
TERMINAL: PHOSPHOR BRONZE, ALLOY No. 510, GRADE A, FED. SPEC. QQ-B-750, SPRING TEMPER

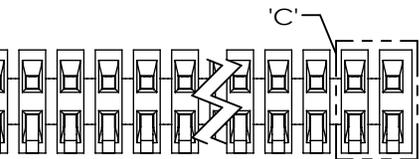
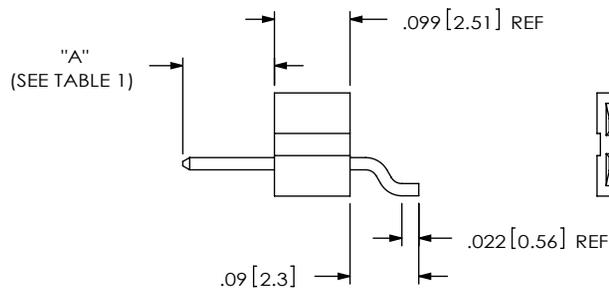
DESCRIPTION: .050 x .050 C.L. DOUBLE HORIZONTAL TERMINAL STRIP

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

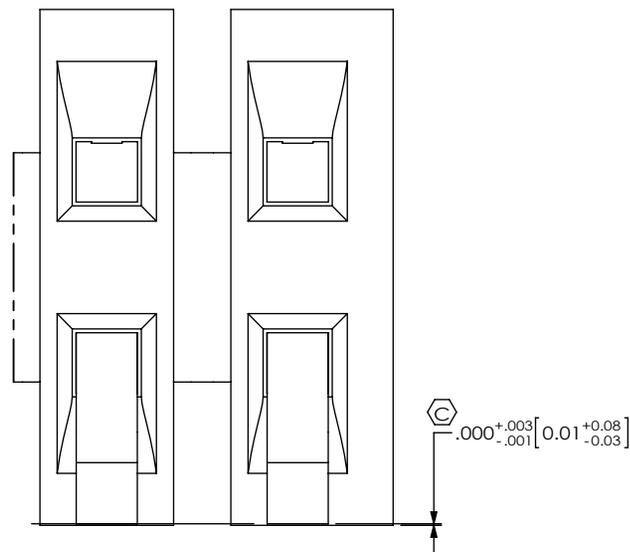
BY: BRATCHER 01/04/1995 SHEET 1 OF 3



IN-PROCESS 1



IN-PROCESS 2



DETAIL 'C'
SCALE 20 : 1

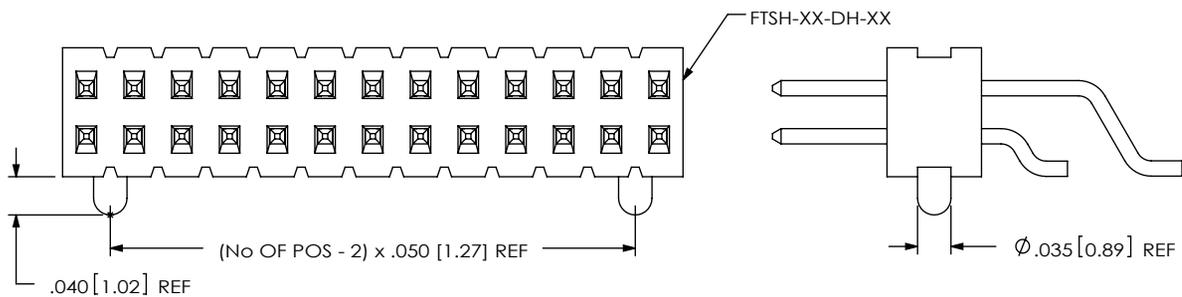
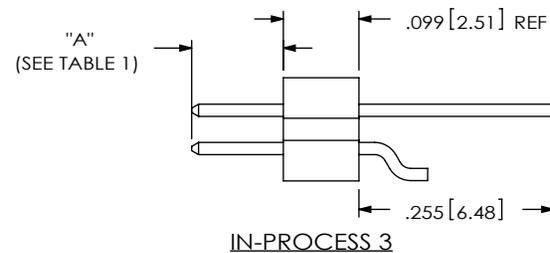


FIG 2
-A- ALIGNMENT PIN (MOLDED) OPTION
DIFFERENT AS SHOWN, OTHERWISE
SAME AS FIG 1



IN-PROCESS 3

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DO NOT SCALE DRAWING
SHEET SCALE: 2:1



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.I.L. DOUBLE HORIZONTAL TERMINAL STRIP

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

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

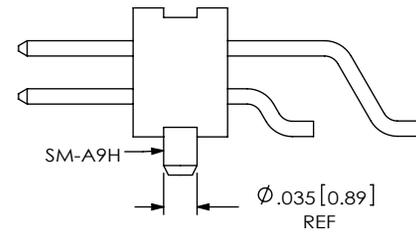
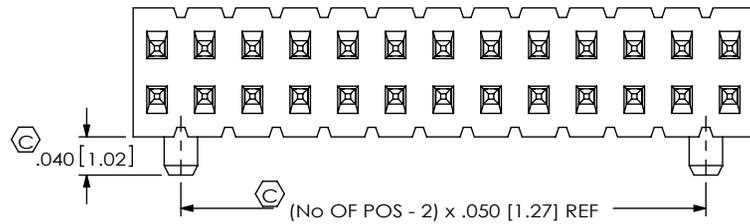
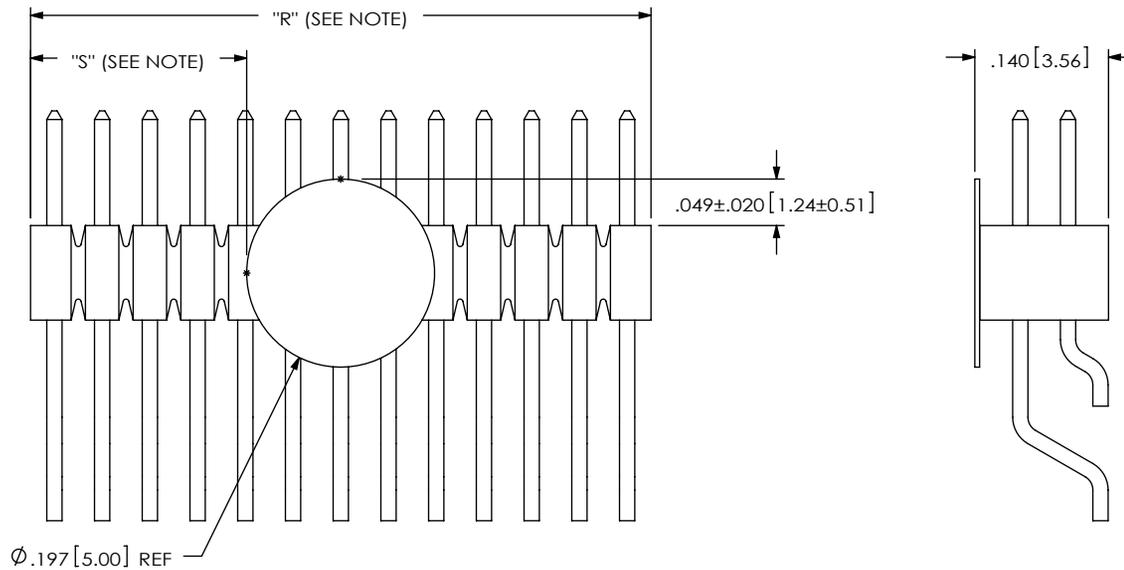
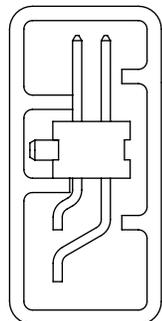


FIG 3
-A: ALIGNMENT PIN (STAKED) OPTION
DIFFERENT AS SHOWN, OTHERWISE
SAME AS FIG 2



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

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

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1



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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 3 OF 3