

DO NOT
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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 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 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

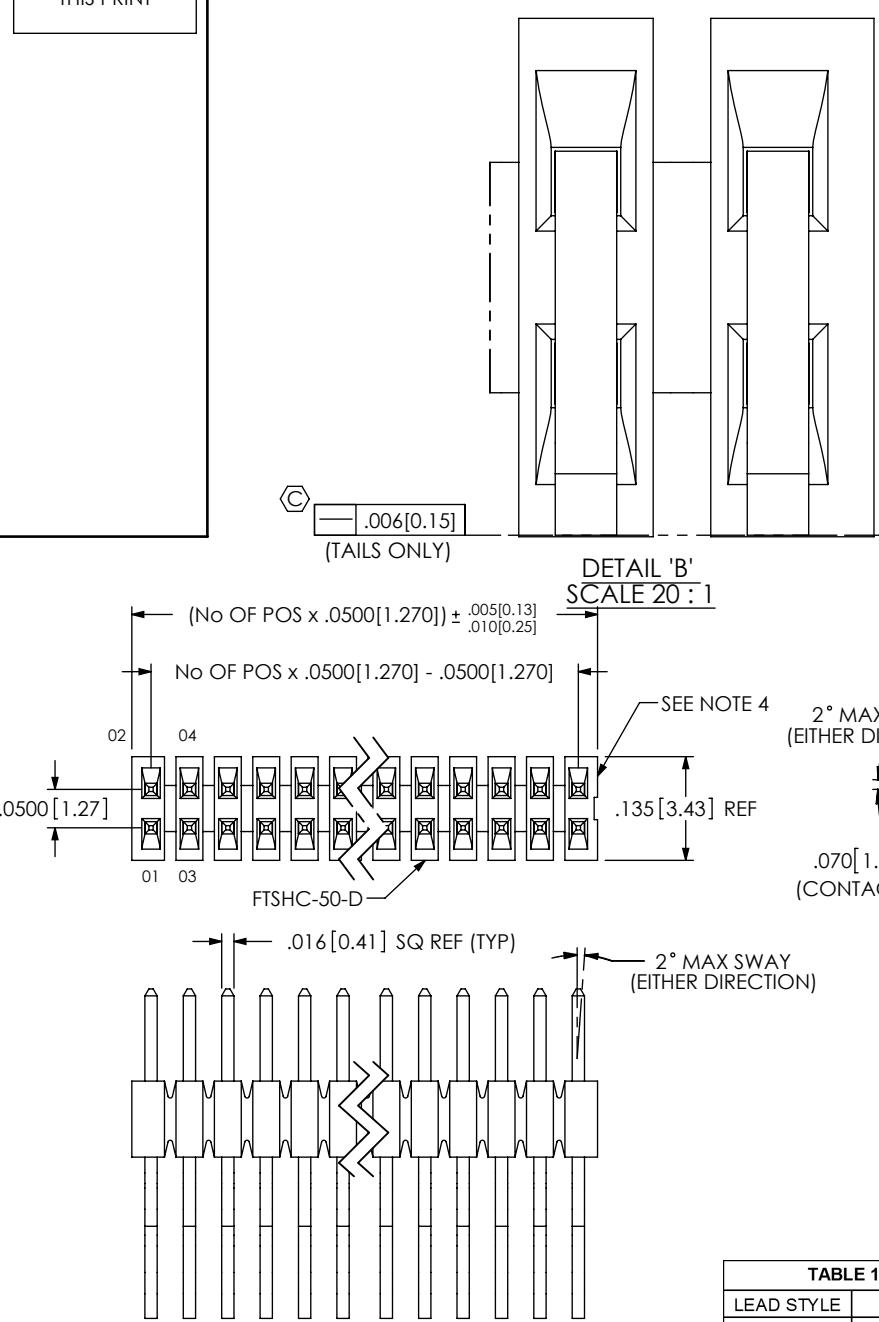
OPTIONS

- 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 8 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
(SEE FIG 4, SHEET 3)

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

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

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

TABLE 1

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS ANGLES .XX: ±.01 [3.] 2° .XXX: ±.005 [1.3] .XXXX: ±.0020 [0.51]	PROPRIETARY NOTE THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.
MATERIAL: DO NOT SCALE DRAWING INSULATOR: LCP, UL 94-V0 COLOR: BLACK TERMINAL: PHOSPHOR BRONZE, ALLOY No. 510, GRADE A, FED. SPEC. QQ-B-750, SPRING TEMPER	SHEET SCALE: 4:1 F:\DWG\MISC\MKTG\FTSH-1XX-XX-XXX-DH-XX-MKT.SLDDRW

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

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

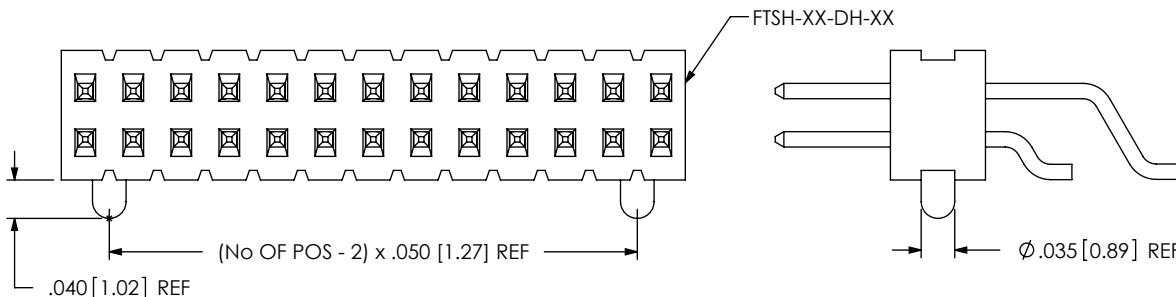
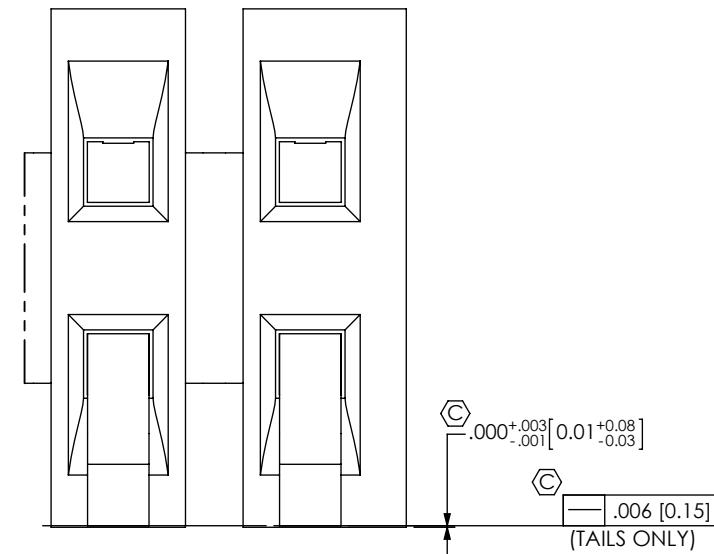
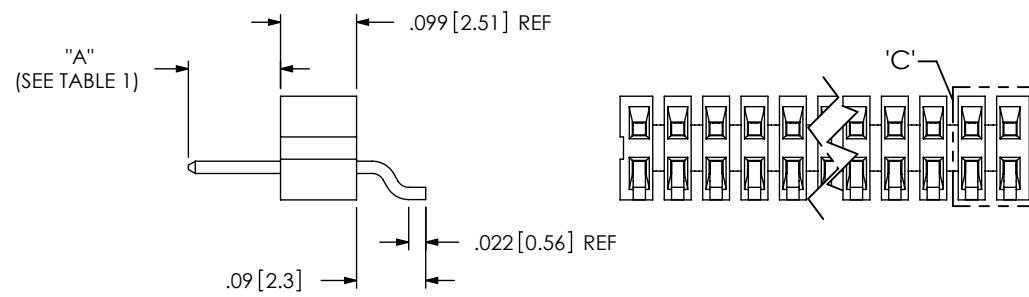
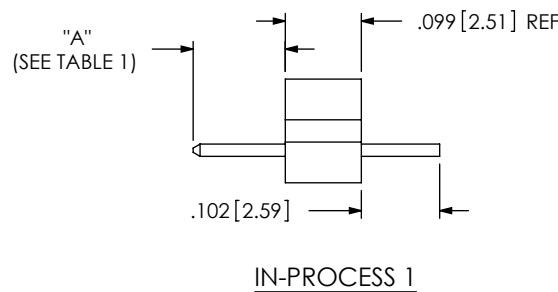


FIG 2
-A: ALIGNMENT PIN (MOLDED) OPTION
DIFFERENT AS SHOWN, OTHERWISE
SAME AS FIG 1

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SHEET SCALE: 2:1

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

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

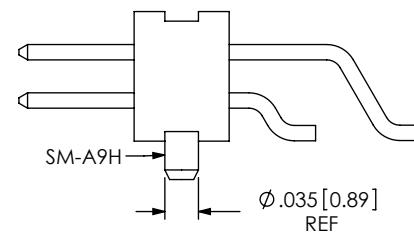
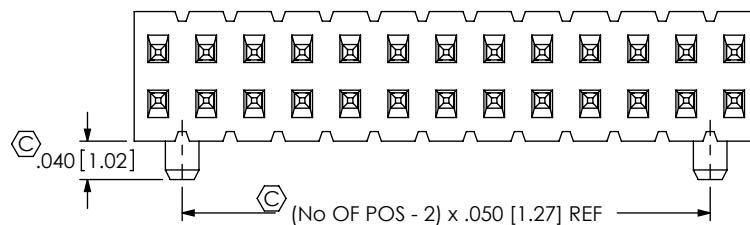
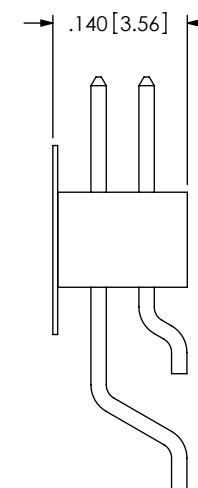
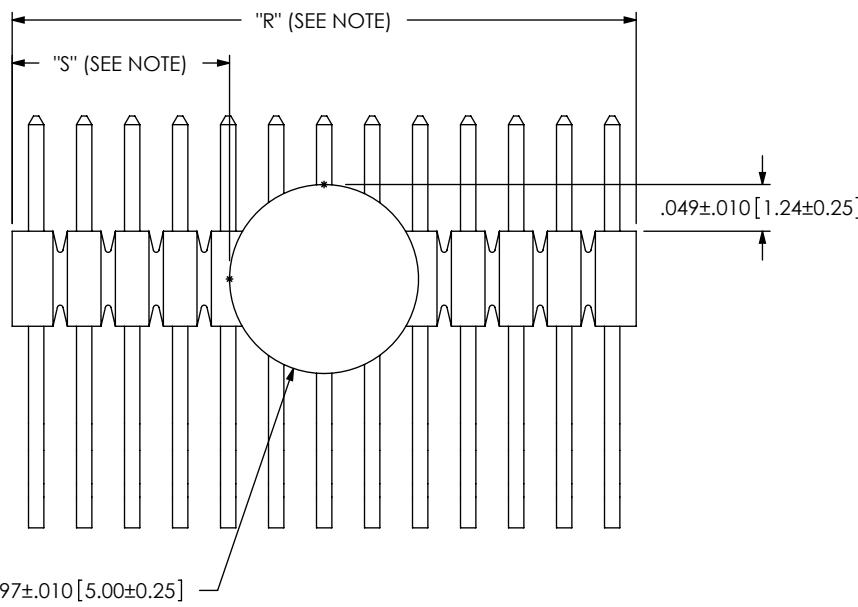
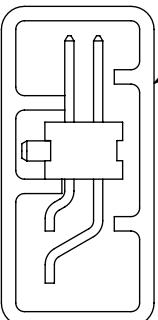


FIG 3
-A: ALIGNMENT PIN (STAKED) OPTION
-B: POLYIMIDE FILM
DIFFERENT AS SHOWN, OTHERWISE
SAME AS FIG 2



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

FIG 4
-C: POLYIMIDE FILM



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