

NOTES:

1. 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: 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

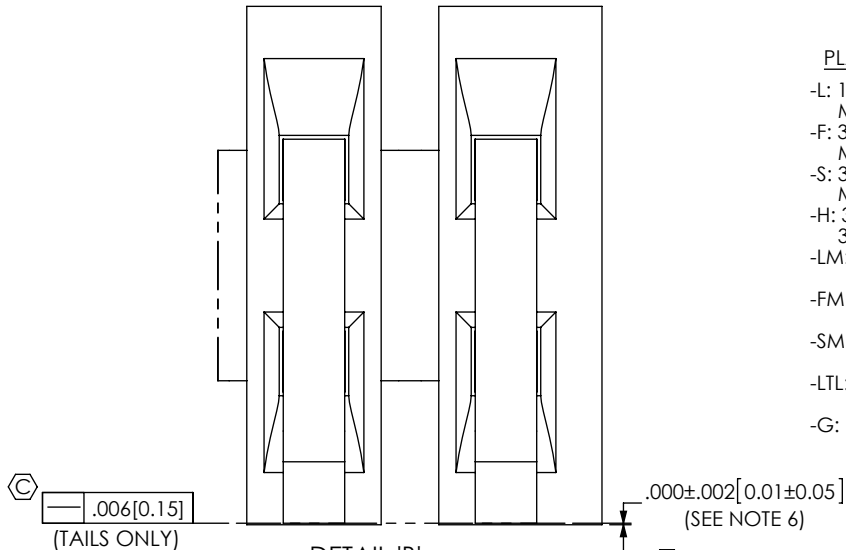
OPTIONS

- 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)

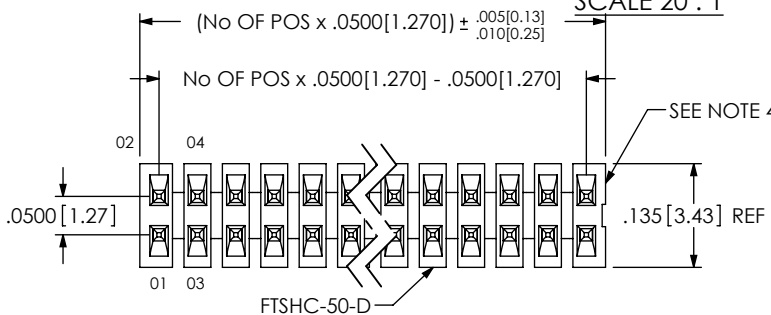
TAIL OPTION

- 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



DETAIL 'B'
SCALE 20:1

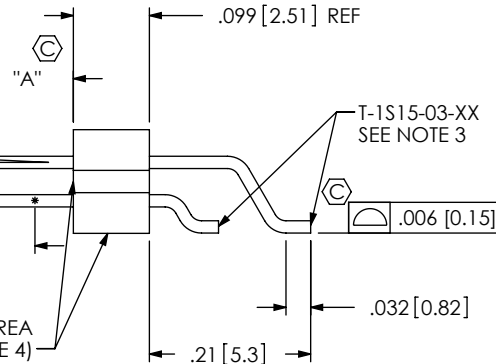


FTSHC-50-D

2° MAX SWAY
(EITHER DIRECTION)

.070[1.78] REF
(CONTACT AREA)

CRITICAL AREA
(SEE NOTE 4)



T-1S15-03-XX
SEE NOTE 3

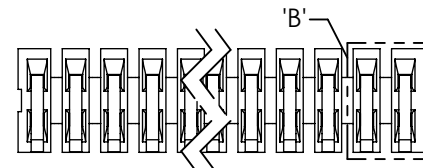


TABLE 3

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

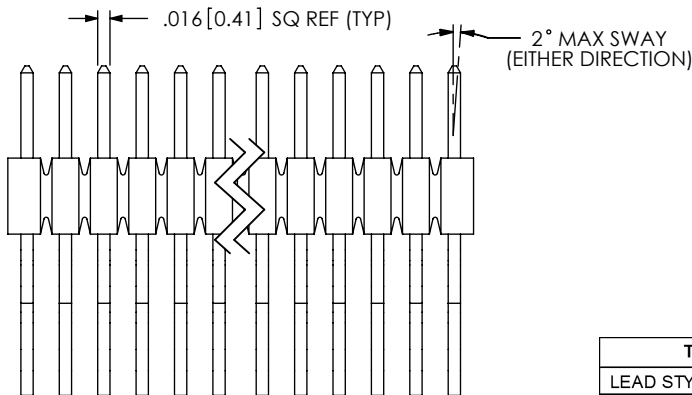


FIG 1

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

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

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 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

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

samtec

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

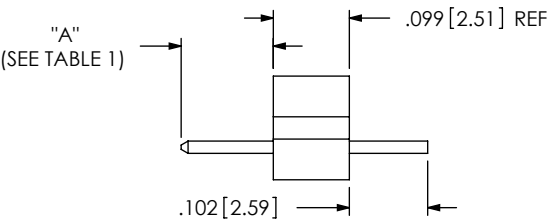
DESCRIPTION:
.050 x .050 C.L. DOUBLE HORIZONTAL TERMINAL STRIP

DWG. NO.

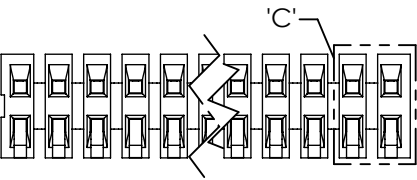
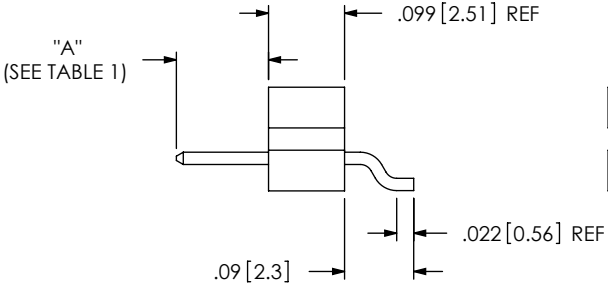
FTSH-1XX-XX-XXX-DH-XX

BY: BRATCHER 01/04/1995

SHEET 1 OF 3



IN-PROCESS 1



IN-PROCESS 2

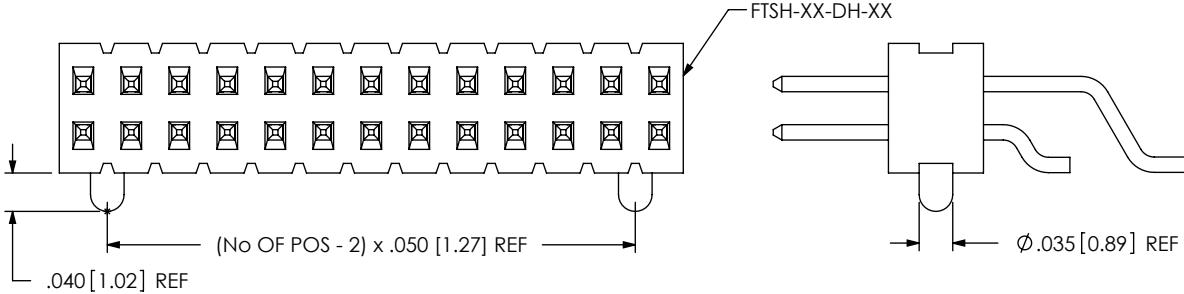
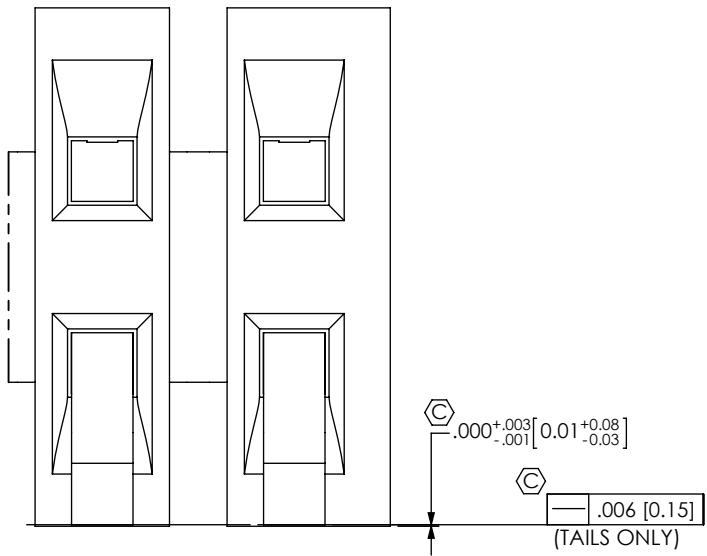
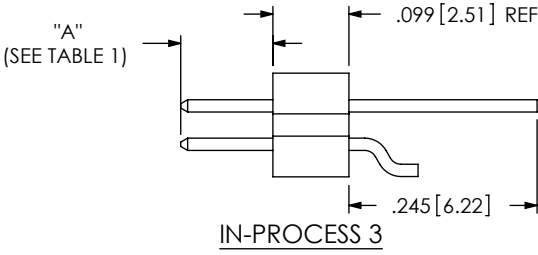


FIG 2
-A: ALIGNMENT PIN (MOLDED) OPTION
DIFFERENT AS SHOWN, OTHERWISE
SAME AS FIG 1



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.

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.L. DOUBLE HORIZONTAL TERMINAL STRIP

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

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

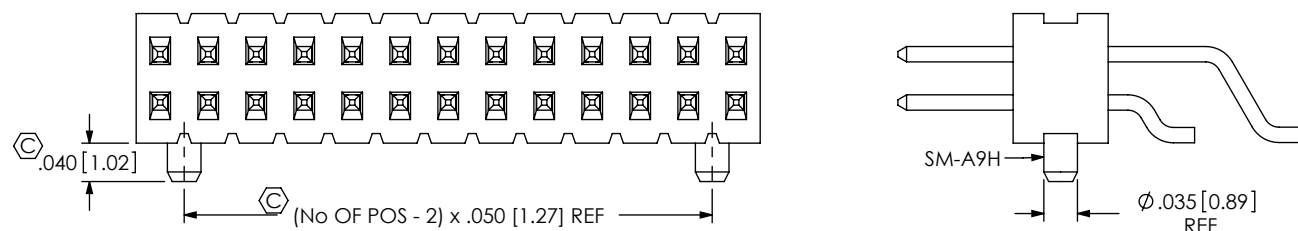


FIG 3
-A: ALIGNMENT PIN (STAKED) OPTION
DIFFERENT AS SHOWN, OTHERWISE
SAME AS FIG 2

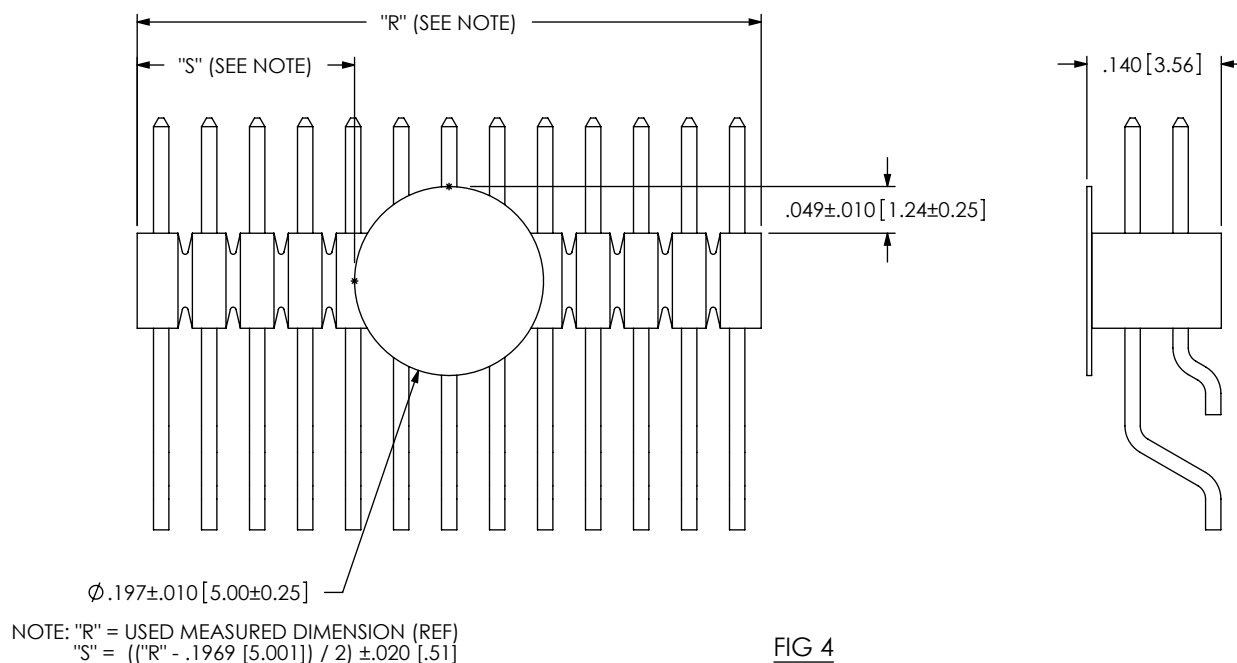
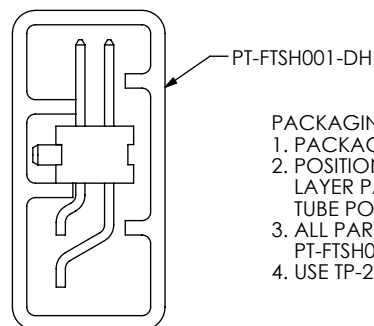


FIG 4
-C: POLYIMIDE FILM



- 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

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

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.

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-XX

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