

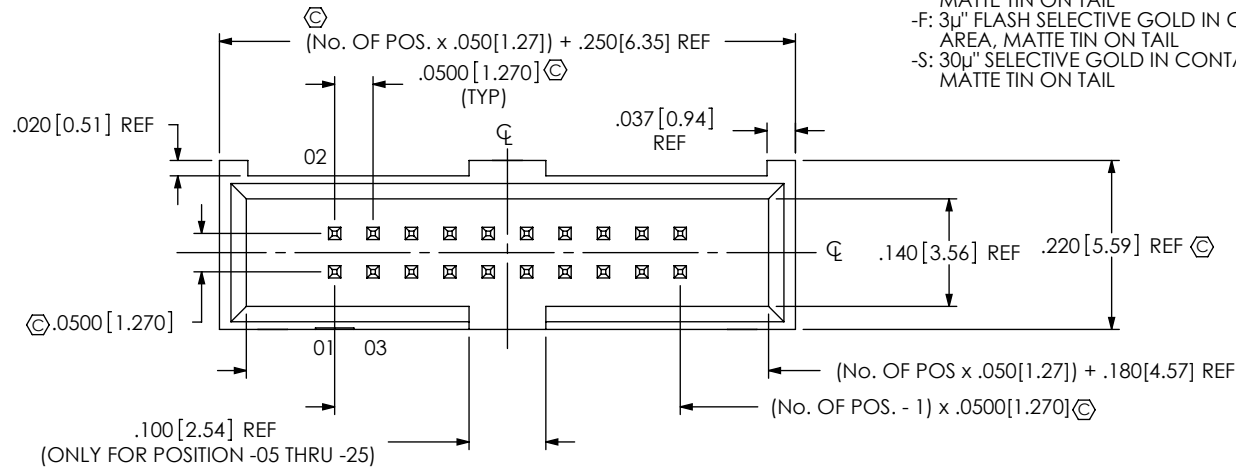
REVISION Q

NOTES:

1. $\textcircled{C}$ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: 1 LB[4.45N].
3. MAXIMUM ALLOWABLE BOW: .002[.05] INCH/INCH AFTER ASSEMBLY.
4. POST HEIGHT VARIATION BETWEEN ANY TWO PINS: .005[.13].
5. FOR ALL PINS: NO BAND MARKS ALLOWED IN POST AREA.
6. FOR LOCKING CLIPS: .75LB[3.336N] MIN RETENTION.
7. MEASURE AT BEND.
8. MAX PIN ROTATION IN BODY TO BE 2°.

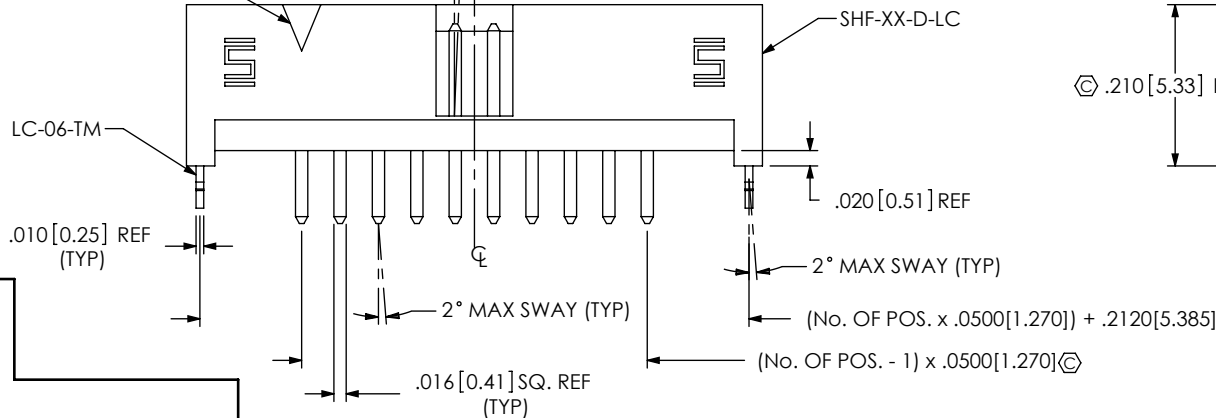
DO NOT
SCALE FROM
THIS PRINT

FIG 1
(SHF-110-01-X-D-TH-LC SHOWN)

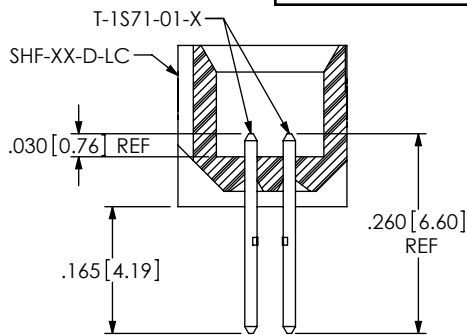


FIRST POSITION
INDICATOR

2° MAX SWAY
(TYP)



IN-PROCESS 1
(FOR -TH ONLY)



SHF-1XX-01-X-D-XX-XX

No OF POSITIONS
-02 THRU -25

LEAD STYLE
-01:

PLATING SPECIFICATION

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

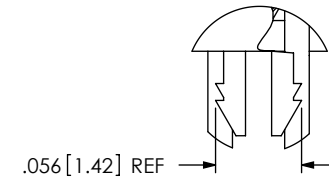
OPTION

- LC: LOCKING CLIP (NOT AVAILABLE WITH -RA)
- K: POLYIMIDE FILM (-SM ONLY) (AVAILABLE IN TAPE & REEL ONLY) (USE K-DOT-.256-.375-.005)
- TR: TAPE & REEL

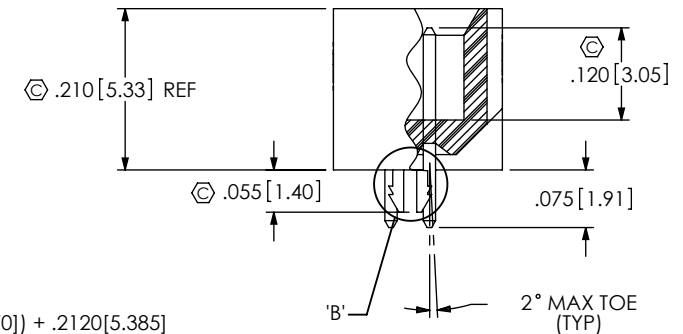
BODY HEIGHT

- TH: THROUGH HOLE (SEE FIG 1, SHT. 1)
- RA: RIGHT ANGLE (SEE FIG 2, SHT. 2)
- SM: SURFACE MOUNT (SEE FIG 3, SHT. 3)

ROW SPECIFICATION
-D: DOUBLE



DETAIL 'B'
SCALE 8:1



F:\DWG\SW\EXISPROD\ASSEMBLY\050\SHF-1XX-01-X-D-XX-XX-ASM.SLDDRW

CPC FREQUENCY THIS SHEET	
A	C1, C2, C3, C30
B	C6, C7, C8, C9, C10, C11, C29, C31
C	
D	

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
.XX: ±.01 [0.3]
.XXX: ±.005 [0.13]
.XXXX: ±.0020 [0.051]

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: SUMIKA E6810LHF, UL 94 VO, COLOR: BLACK
TERMINAL: PHOS BRONZE

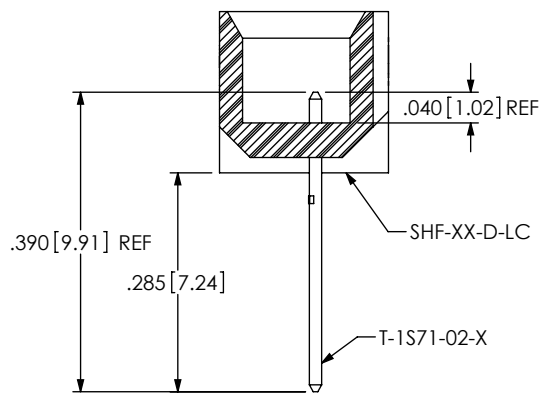
samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

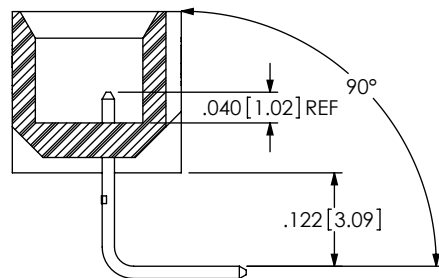
DESCRIPTION:
.050 x .050 SHROUDED TERMINAL STRIP

DWG. NO.
SHF-1XX-01-X-D-XX-XX

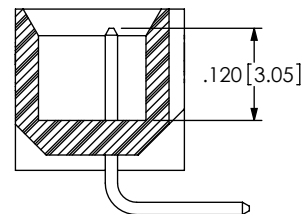
BY: T NEWTON 1/10/2008 SHEET 1 OF 4



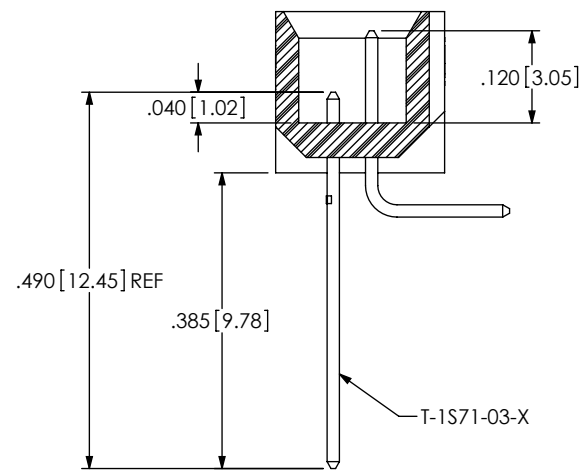
IN-PROCESS 1
(FOR -RA ONLY)



IN-PROCESS 2
(FOR -RA ONLY)



IN-PROCESS 3
(FOR -RA ONLY)



IN-PROCESS 4
(FOR -RA ONLY)

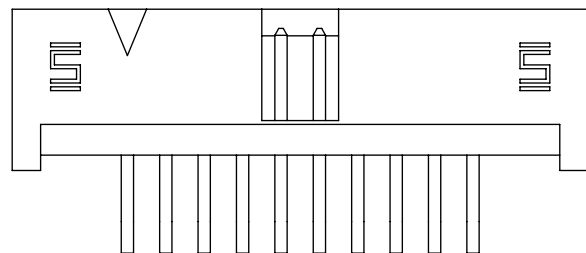
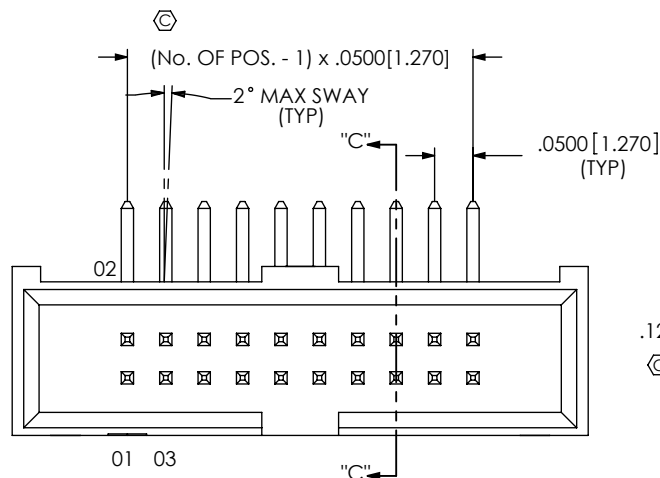
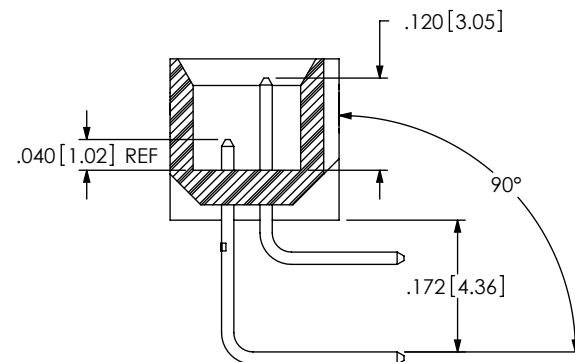
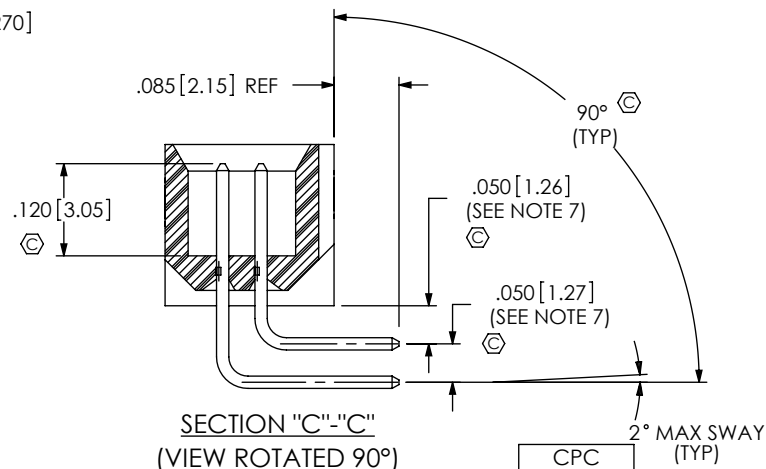


FIG 2
(SHF-110-01-X-D-RA SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)



IN-PROCESS 5
(FOR -RA ONLY)

F:\DWG\SW\EXISPROD\ASSEMBLY\050\SHF-1XX-01-X-D-XX-XX-ASM.SLDDRW

CPC FREQUENCY THIS SHEET	
A	C14
B	C12, C13, C15, C16, C17, C18, C19, C32, C33, C34, C35, C36, C37
C	
D	

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: 4:1

samtec

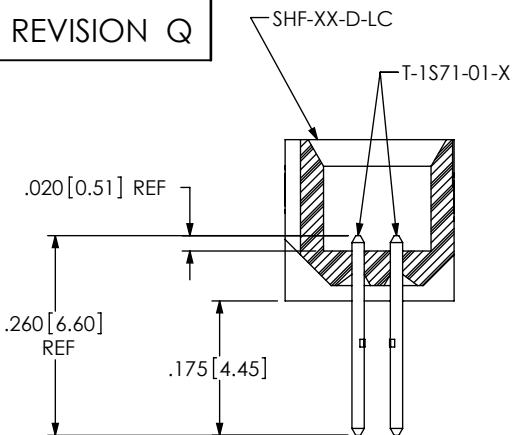
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
.050 x .050 SHROUDED TERMINAL STRIP

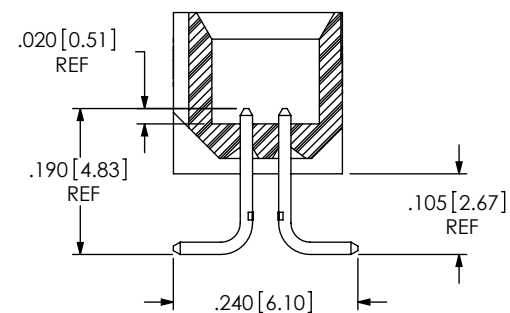
DWG. NO.
SHF-1XX-01-X-D-XX-XX

BY: T NEWTON 1/10/2008 SHEET 2 OF 4

REVISION Q

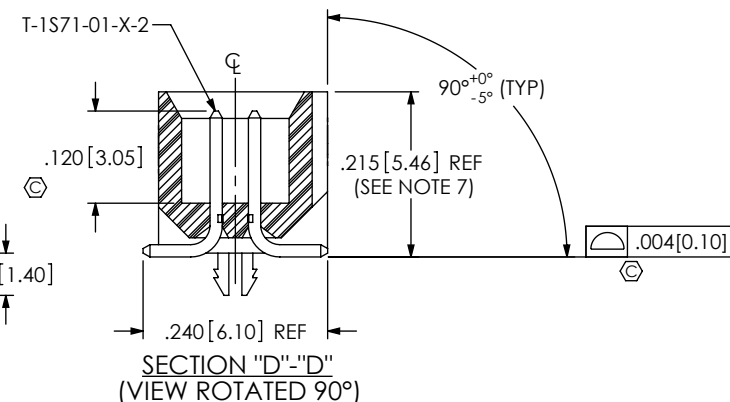
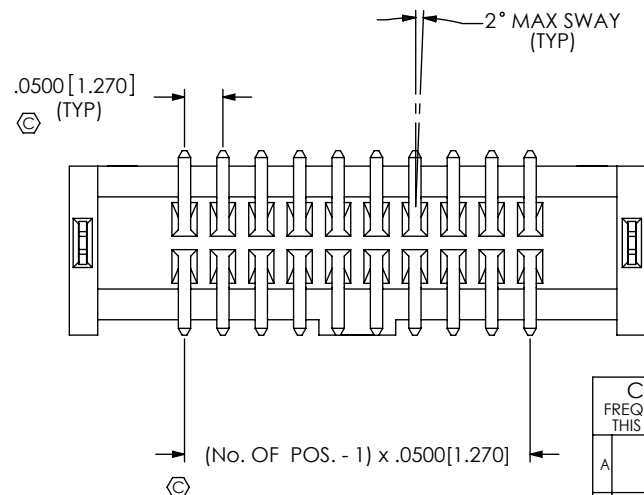
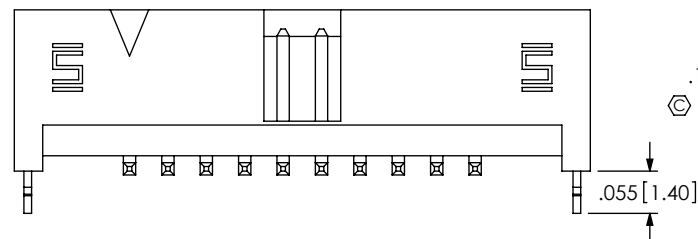
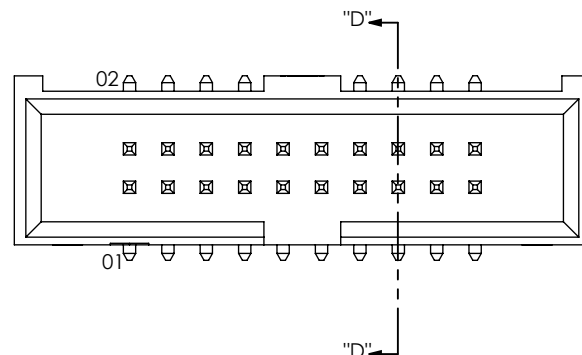


IN-PROCESS 1
(FOR -SM ONLY)



IN-PROCESS 2
(FOR -SM ONLY)

FIG 3
(SHF-110-01-X-D-SM-LC SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)



SECTION "D"-D"
(VIEW ROTATED 90°)

CPC FREQUENCY THIS SHEET	
A	C21
B	C22, C23, C24, C26
C	
D	

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: 4:1

F:\DWG\SW\EXISPROD\ASSEMBLY\050\SHF-1XX-01-X-D-XX-XX-ASM.SLDDRW

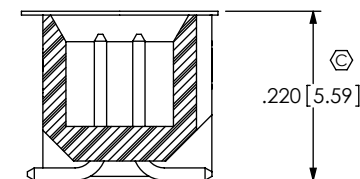
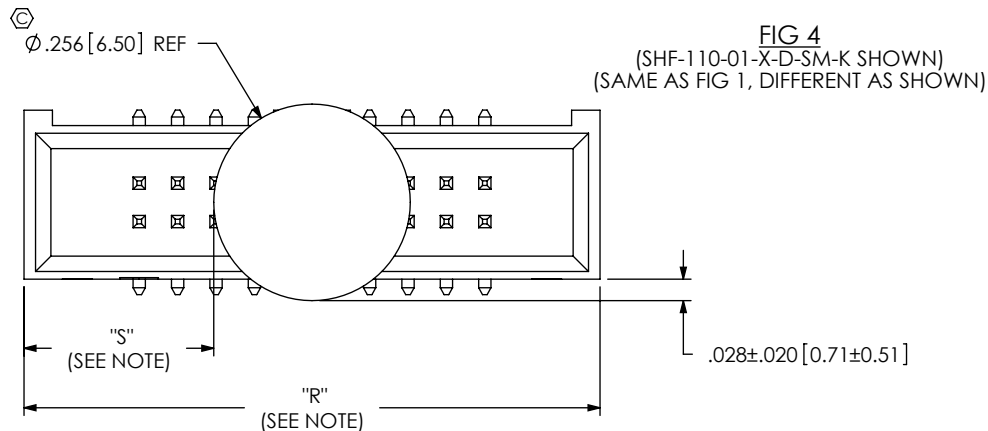
samtec

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 SHROUDED TERMINAL STRIP

DWG. NO.
SHF-1XX-01-X-D-XX-XX

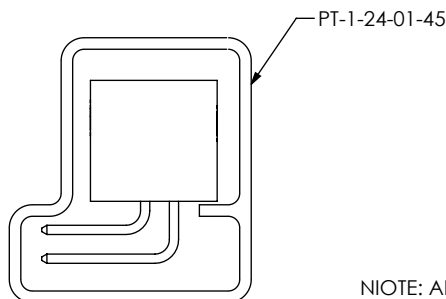
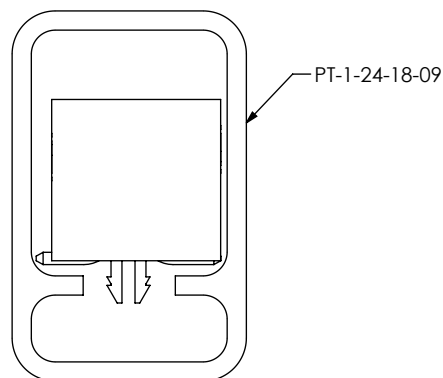
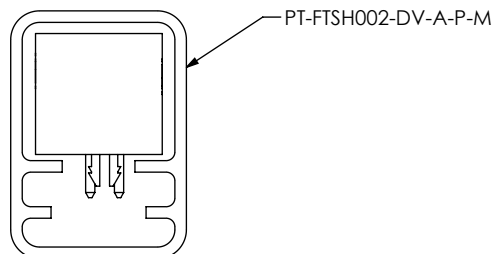
BY: T NEWTON 1/10/2008 SHEET 3 OF 4



(VIEW ROTATED 90°)

NOTE: "R" = USED MEASURED DIMENSION (REF)
"S" = $\{("R" - 0.256[6.50])/2\} \pm 0.020[0.51]$

PACKAGING
ALL PARTS ARE LOADED WITH POSITION 1
TOWARD THE ARROW



NOTE: ALL POSITIONS ARE TO BE TUBED

TABLE 1		
OPTIONS	PACKAGING TUBE	PLUG
-TH, -TH-LC	PT-FTSH002-DV-A-P-M	TP-03
-SM-LC	PT-1-24-18-09	TP-03
-RA	PT-1-24-01-45	TP-07
-SM	PT-1-24-18-09	TP-03

F:\DWG\SW\EXISPROD\ASSEMBLY\050\SHF-1XX-01-X-D-XX-XX-ASM.SLDDRW

**CRITICAL DIMENSION INSPECTION
INSTRUCTION TABLE**

ASSEMBLY OPERATION	IN-PROCESS INSPECTION
(-TH) FILL T-1S71-01-X	C1, C2, C3, C6, C7, C8, C10, C30, C31
(-TH) REPRESS T-1S71-01-X	C11
(-RA) FILL T-1S71-02-X	C1, C2, C3, C7, C8, C12, C13
(-RA) RA T-1S71-02-X	C32, C33,
(-RA) REPRESS T-1S71-02-X	C34
(-RA) FILL T-1S71-03-X	C6, C7, C8, C10, C14, C15
(-RA) RA T-1S71-03-X	C35, C36
(-RA) REPRESS T-1S71-03-X	C16, C17, C18, C19, C20, C37
(-SM) FILL T-1S71-01-X	C1, C2, C3, C6, C7, C21, C22
(-SM) REPRESS T-1S71-01-X	C23, C24, C26, C38
INSTALL KAPTON	C27, C28
INSTALL LC-06-TM	C9, C29

CPC'S INTENTIONALLY DELETED: C4, C5

CPC FREQUENCY THIS SHEET	
A	C27
B	C28
C	
D	

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: 4:1

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 SHROUDED TERMINAL STRIP

DWG. NO. **SHF-1XX-01-X-D-XX-XX**

BY: T NEWTON 1/10/2008 SHEET 4 OF 4