

NOTES:

DO NOT
SCALE FROM
THIS PRINT

1.  REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: 1 LB[4.45N].
3. MAXIMUM ALLOWABLE BOW: .002[0.05] INCH/INCH AFTER ASSEMBLY.
4. POST HEIGHT VARIATION BETWEEN ANY TWO PINS: .005[0.13].
5. FOR ALL PINS: NO BAND MARKS ALLOWED IN POST AREA.
6. MINIMUM RETENTION FOR LOCKING CLIPS: .75LB[3.336N]
7. MEASURE AT BEND.
8. MAXIMUM PIN ROTATION IN BODY TO BE 2°.
9. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
10. ATTACH LABEL-4X2 TO EACH REEL.
11. TUBES ARE STANDARD PACKAGING.

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

— PACKAGING

BLANK: TUBES (SEE NOTE 11)
-TR: TAPE & REEL (SEE NOTES 9 & 10)
-FR: FULL REEL QTY TAPE & REEL
(SEE NOTES 9 & 10)

— OPTION

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

—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

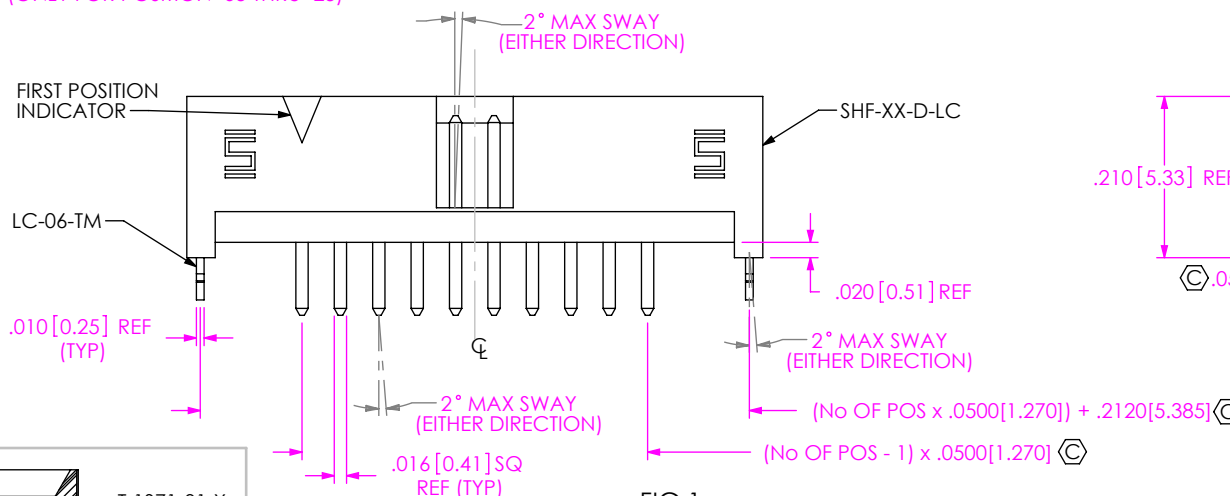
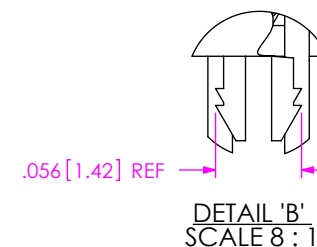
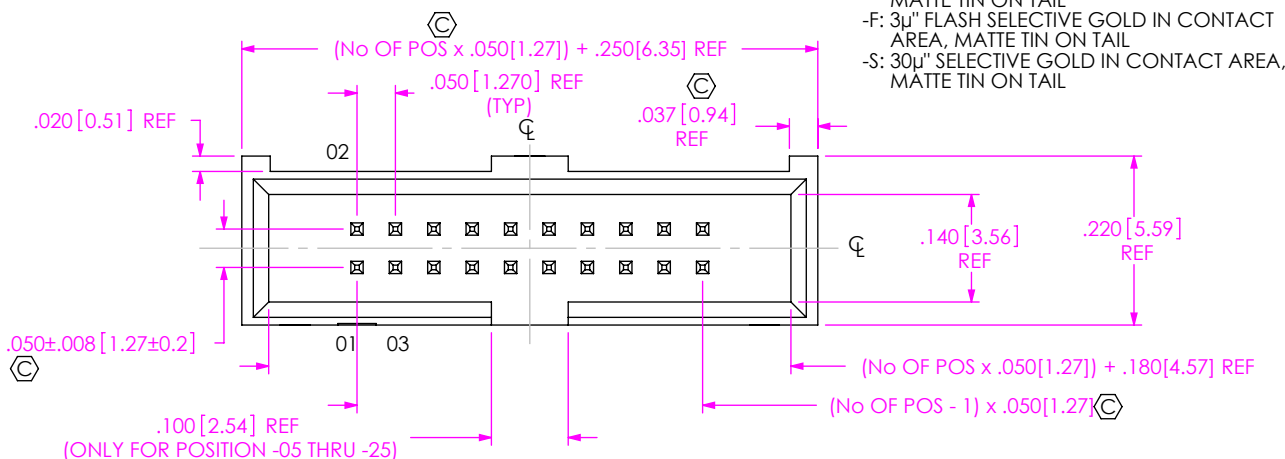
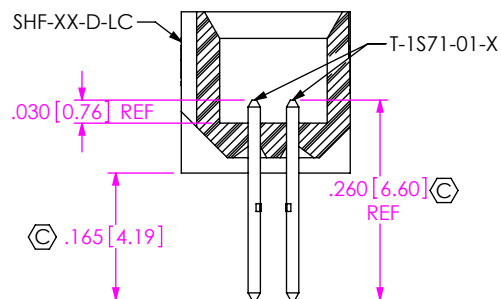
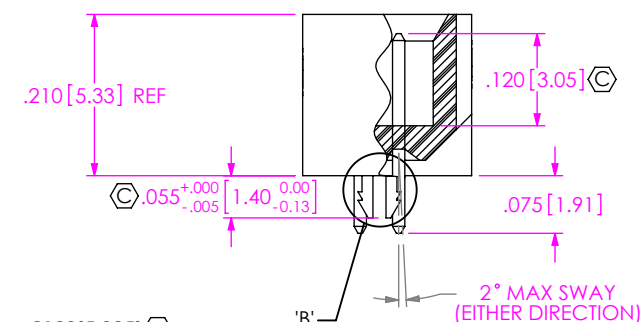


FIG 1
(SHF-110-01-X-D-TH-LC SHOWN)



IN-PROCESS 1
(FOR -TH ONLY)



F:\DWG\SW\Exisprod\Assembly\050\SHF-1XX-01-X-D-XX-XX-XX-ASM.slddrw

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS	ANGLES
.XX: $\pm .01$ [0.3]	2°
.XXX: $\pm .005$ [0.13]	
.XXXX: $\pm .0020$ [0.051]	

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 4:
INSULATOR: SUMIKA E6810LHF, UL 94 VO, COLOR: BLACK
TERMINAL: PHOS BRONZE

[illegible]

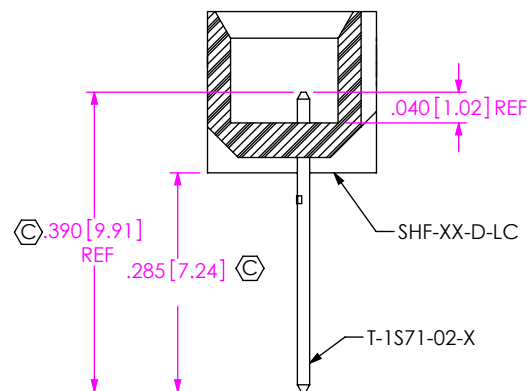
.050 x .050 SHROUDED TERMINAL STRIP

DWG. NO.

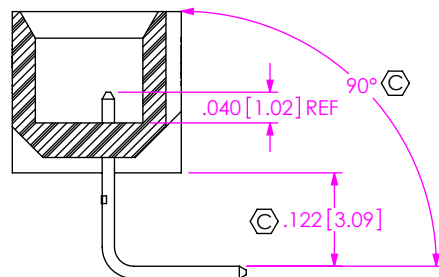
SHF-1XX-01-X-D-XX-XX-XX

BY: T NEWTON 1/10/2008

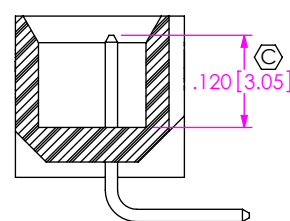
SHEET 1 OF 4



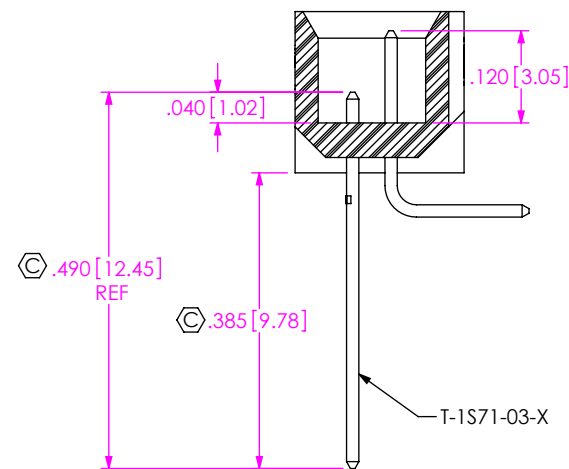
IN-PROCESS 1
(FOR -RA ONLY)



IN-PROCESS 2
(FOR -RA ONLY)



IN-PROCESS 3
(FOR -RA ONLY)



IN-PROCESS 4
(FOR -RA ONLY)

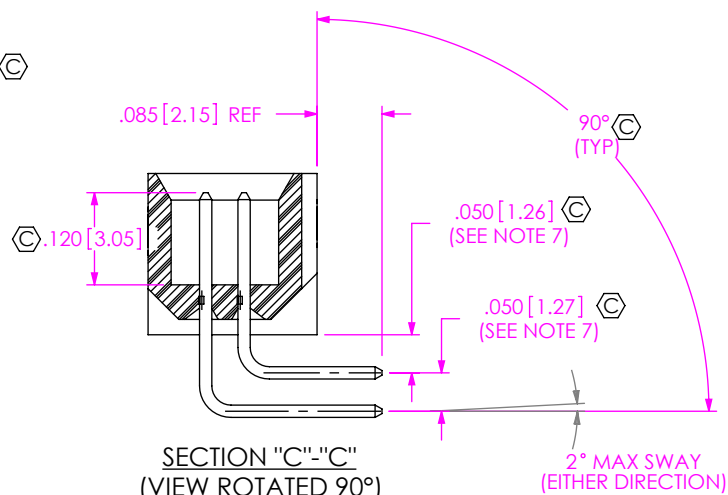
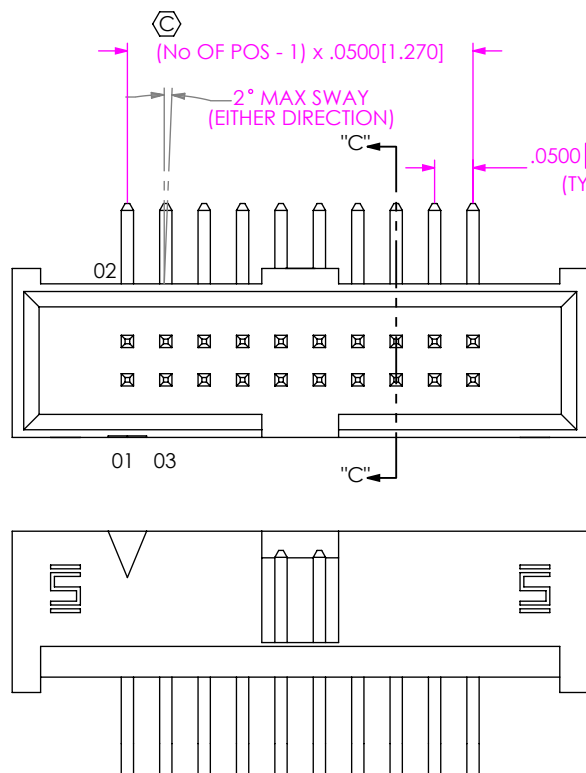
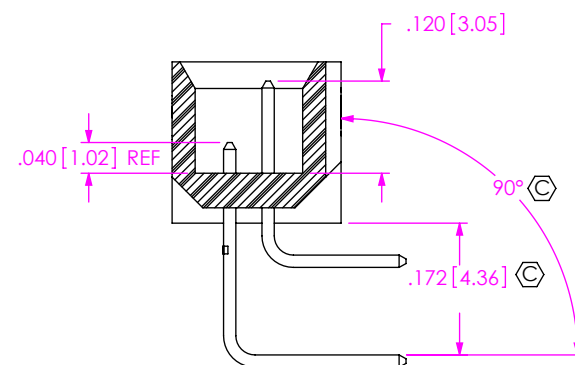


FIG 2
(SHF-110-01-X-D-RA SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)



IN-PROCESS 5
(FOR -RA ONLY)

F:\DWG\SW\Exisprod\Assembly\050\SHF-1XX-01-X-D-XX-XX-XX-ASM.slddrw

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 4:1

samtec

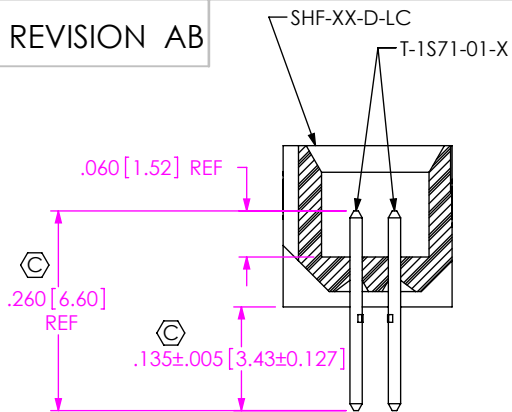
520 PARK EAST BLVD. NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
.050 x .050 SHROUDED TERMINAL STRIP

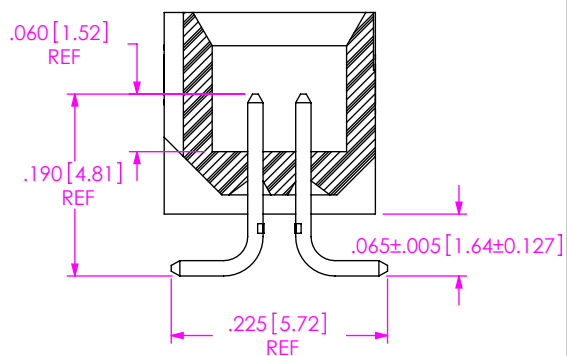
DWG. NO.
SHF-1XX-01-X-D-XX-XX-XX

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

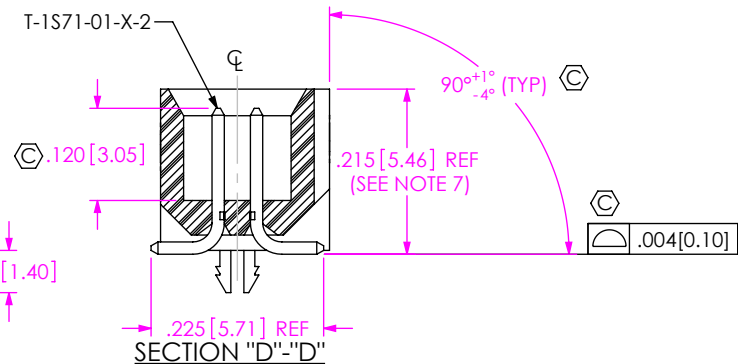
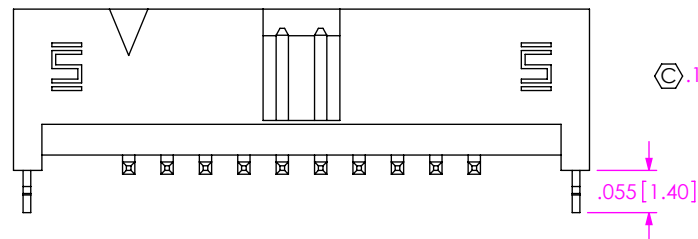
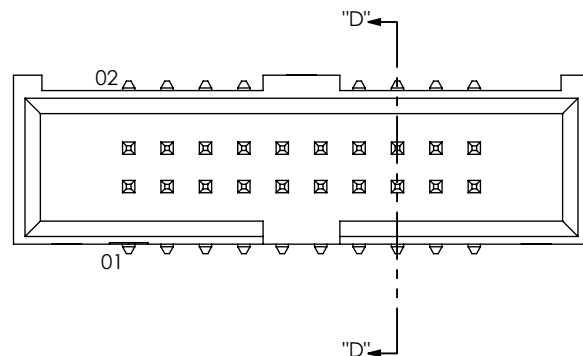
REVISION AB



IN-PROCESS 1
(FOR -SM ONLY)



IN-PROCESS 2
(FOR -SM ONLY)



(VIEW ROTATED 90°)

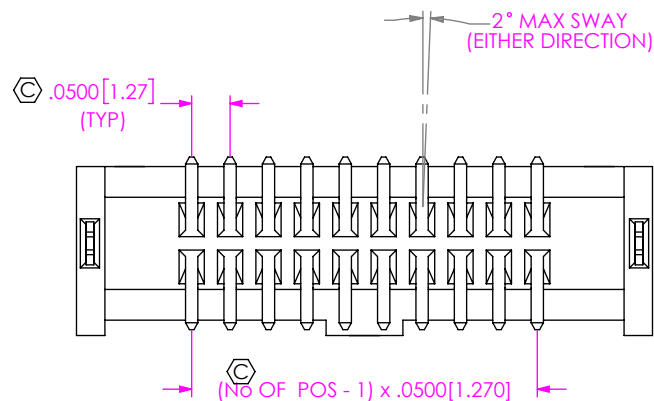


FIG 3
(SHF-110-01-X-D-SM-LC SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

F:\DWG\SW\Exisprod\Assembly\050\SHF-1XX-01-X-D-XX-XX-XX-ASM.slddrw

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 4:1

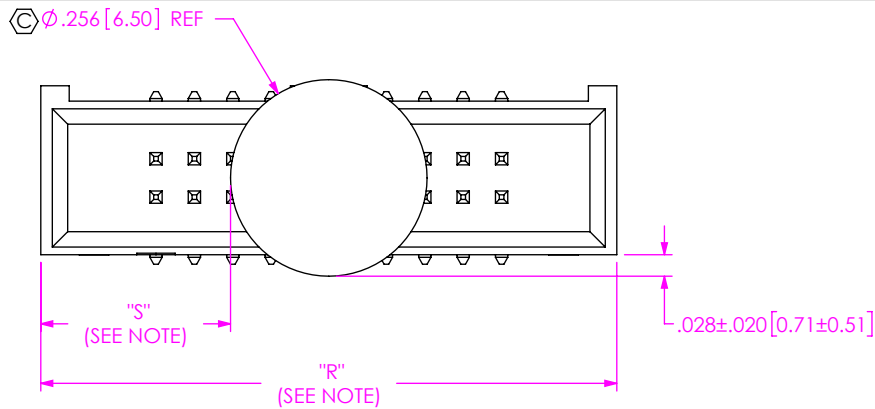
samtec

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

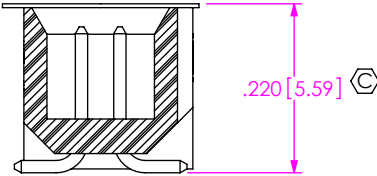
DWG. NO.
SHF-1XX-01-X-D-XX-XX-XX

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

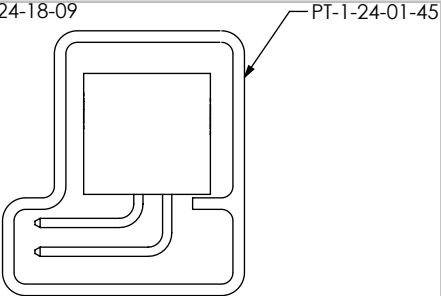
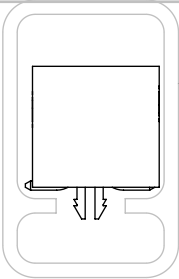
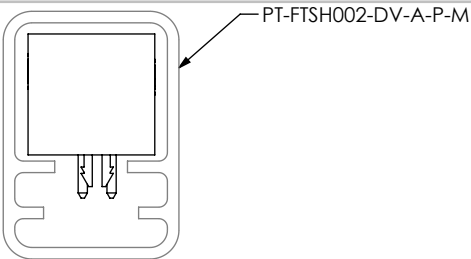


NOTE: "R" = USED MEASURED DIMENSION (REF)
"S" = $\{("R" - .256[6.50])/2\} \pm 0.020[0.51]$

FIG 4
(SHF-110-01-X-D-SM-K SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)



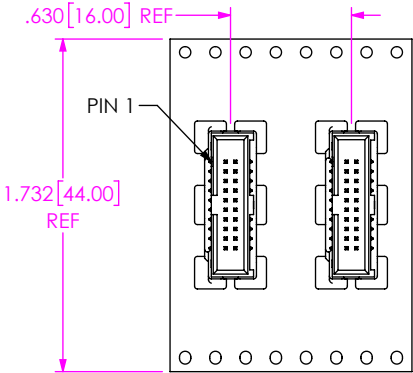
(VIEW ROTATED 90°)



TUBE PACKAGING VIEW
ALL PARTS ARE LOADED WITH POSITION 1
TOWARD THE ARROW "EXCEPT -RA"

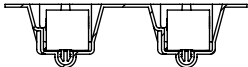
TABLE 1		
OPTIONS	PACKAGING TUBE	PLUG
-TH, -TH-LC	PT-FTSH002-DV-A-P-M	TP-03
-SM-LC	PT-1-24-18-09	TP-03
-RA	PT-1-24-01-45	TP-07
-SM	PT-1-24-18-09	TP-03

NOTE: ALL POSITIONS ARE TO BE TUBED



TAPE & REEL PACKAGING VIEW

USER DIRECTION OF UN-REELING
POCKET NOT DETAILED



F:\DWG\SW\Exisprod\Assembly\050\SHF-1XX-01-X-D-XX-XX-XX-ASM.slddrw

CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE	
ASSEMBLY OPERATION	IN-PROCESS INSPECTION
(-TH) FILL T-1S71-01-X	C3, C6, C7, C8, C30, C31
(-TH) REPRESS T-1S71-01-X	C11
(-RA) FILL T-1S71-02-X	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, 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	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	

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS CONFIDENTIAL AND
PROPRIETARY INFORMATION AND ALL DESIGN,
MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS
AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC,
INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE
OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR
REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY
OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS
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-XX
BY: T NEWTON 1/10/2008 SHEET 4 OF 4