

## NOTES:

- ① REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHPULL 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

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

No OF POSITIONS

-02 THRU -25

LEAD STYLE

-01:

OPTION

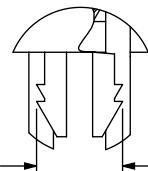
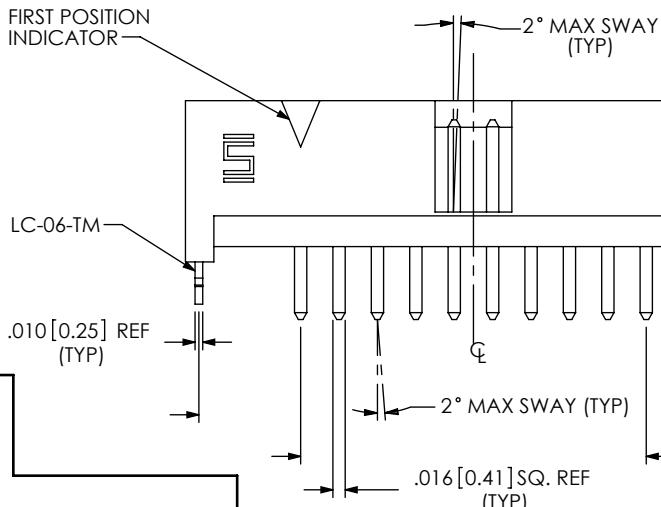
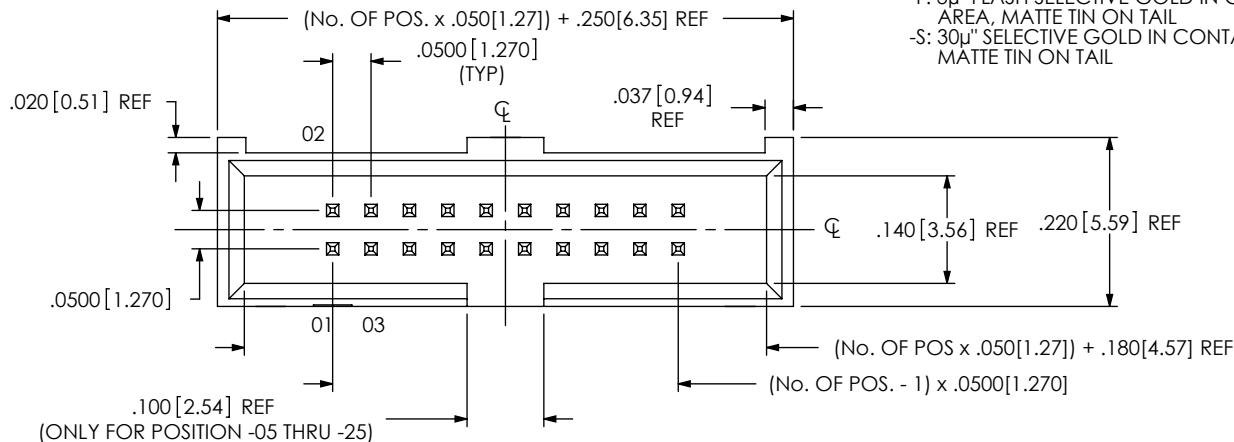
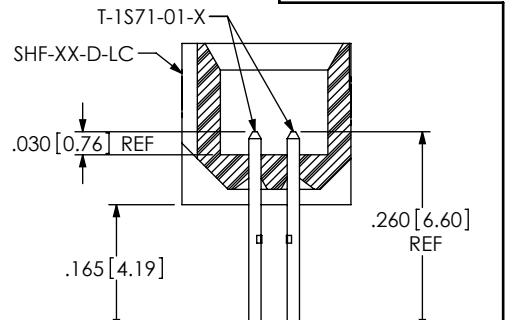
- LC: LOCKING CLIP  
(NOT AVAILABLE WITH -RA)
- K: POLYIMIDE FILM  
(-SM ONLY)  
(AVAILABLE IN TAPE & REEL ONLY)  
(USE K-DOT-.256-.375-.005)
- TR: TAPE & REEL

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

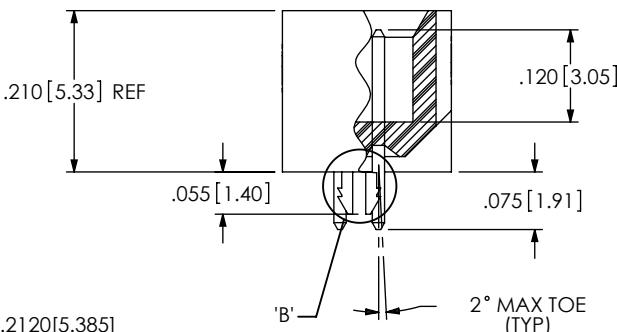
DETAIL 'B'  
SCALE 8:1FIG 1  
(SHF-110-01-X-D-TH-LC SHOWN)IN-PROCESS 1  
(FOR -TH ONLY)

## PLATING SPECIFICATION

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

ROW SPECIFICATION

-D: DOUBLE



CPC FREQUENCY THIS SHEET	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS                    ANGLES .XX: ±.01 [0.3]            2° .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.	DESCRIPTION: .050 x .050 SHROUDED TERMINAL STRIP DWG. NO. SHF-1XX-01-X-D-XX-XX
A C1, C2, C3, C30	MATERIAL: DO NOT SCALE DRAWING INSULATOR: SUMIKA E6810LHF, UL 94 VO, COLOR: BLACK TERMINAL: PHOS BRONZE	Sheet Scale: 4:1	DESCRIPTION: .050 x .050 SHROUDED TERMINAL STRIP DWG. NO. SHF-1XX-01-X-D-XX-XX
B C6, C7, C8, C9, C10, C11, C29, C31			BY: T NEWTON 1/10/2008
C			SHEET 1 OF 4
D			

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

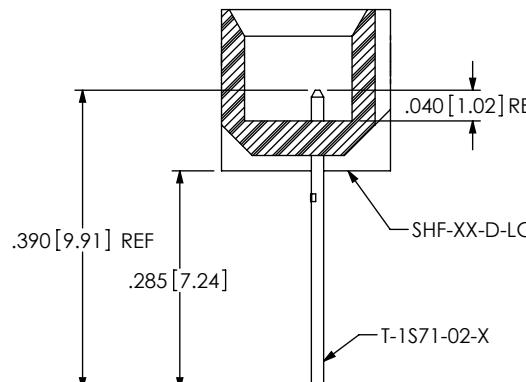
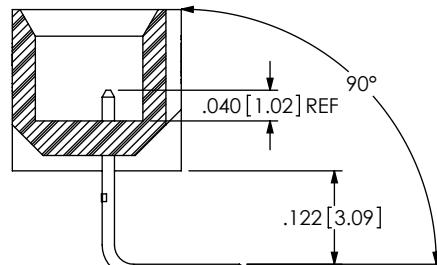
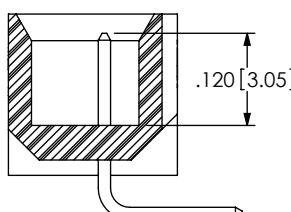
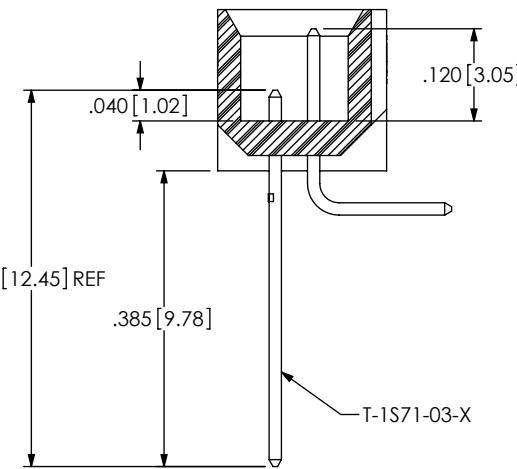
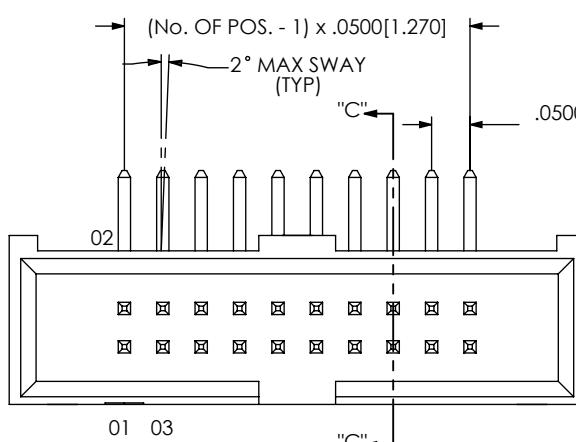
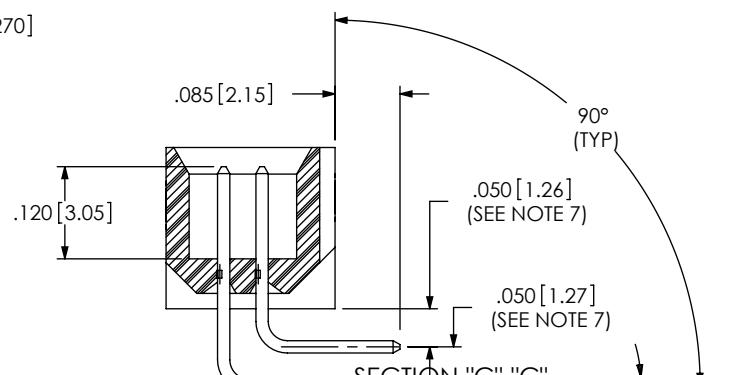
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.050 x .050 SHROUDED TERMINAL STRIP

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

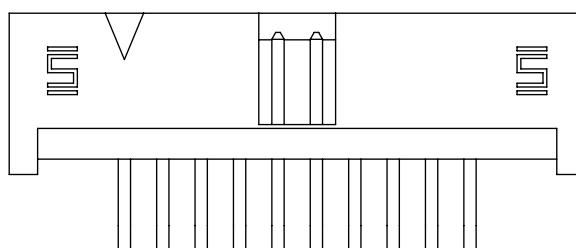
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F:\DWG\MISC\MKTG\SHF-1XX-01-X-D-XX-XX-MKT.SLDDRW

REVISION N

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)

(VIEW ROTATED 90°)

CPC  
FREQUENCY  
THIS SHEET

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

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SHEET SCALE: 4:1

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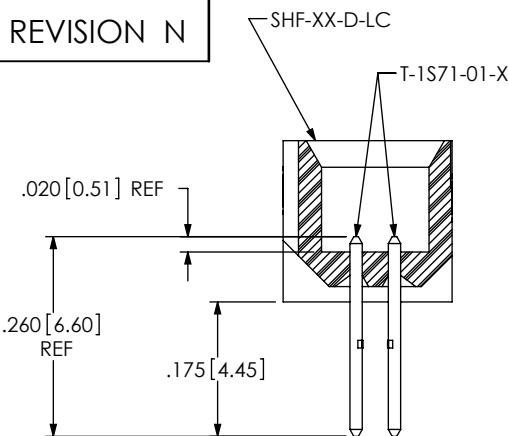
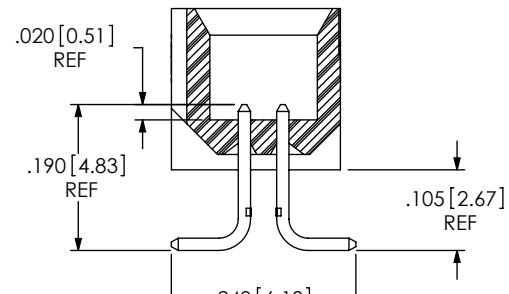
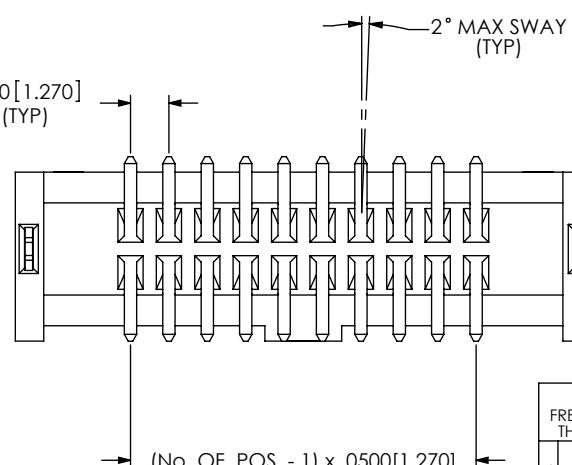
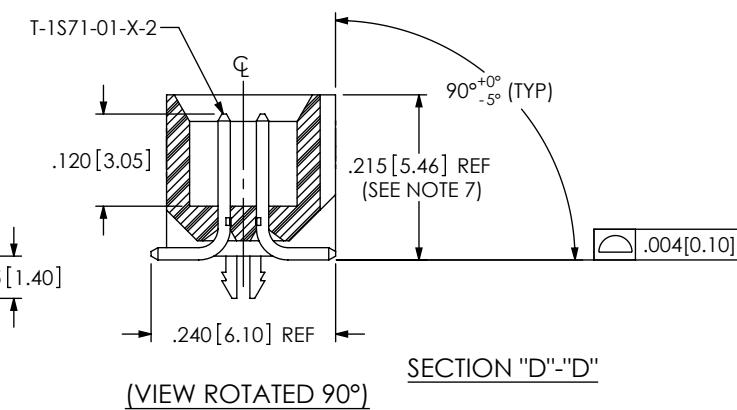
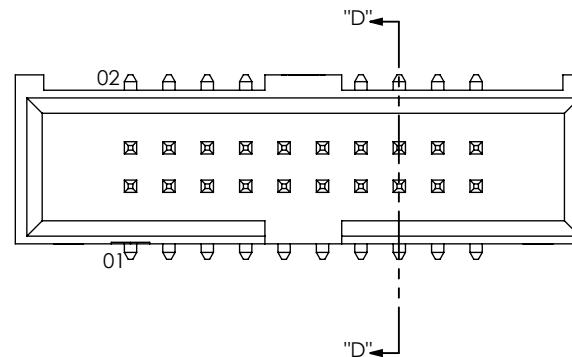
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DESCRIPTION: .050 x .050 SHROUDED TERMINAL STRIP

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

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

REVISION N

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)CPC  
FREQUENCY  
THIS SHEET

A	C21
B	C22, C23, C24, C26
C	
D	

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SHEET SCALE: 4:1

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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

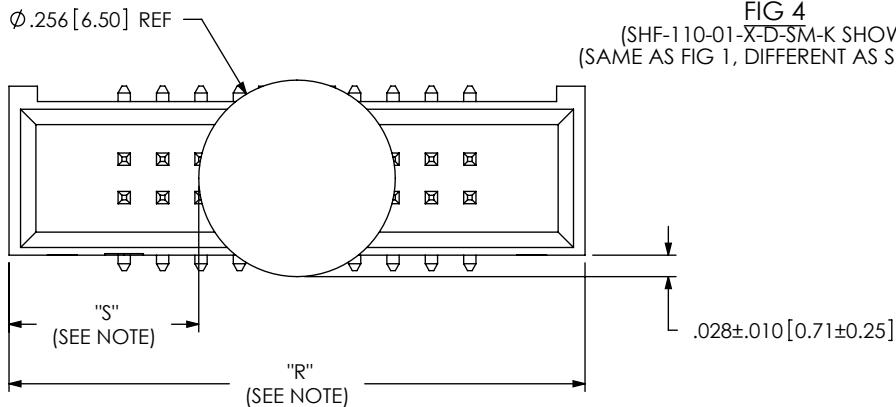
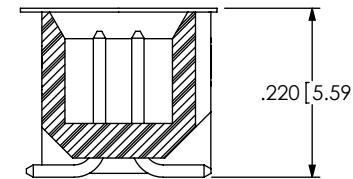


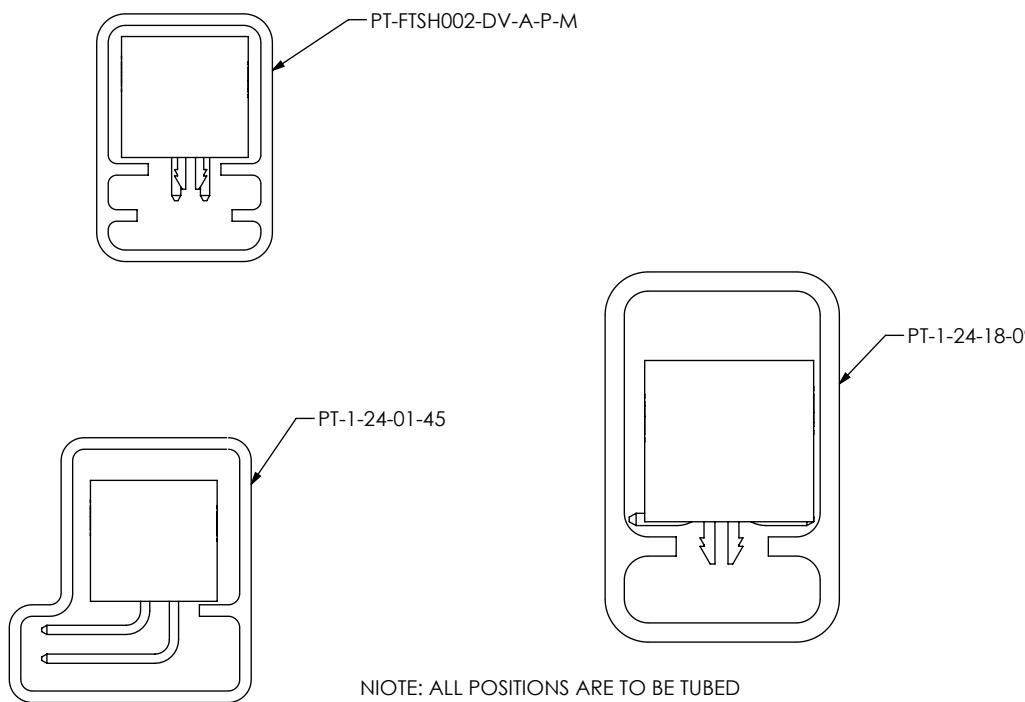
FIG 4  
(SHF-110-01-X-D-SM-K SHOWN)  
(SAME AS FIG 1, DIFFERENT AS SHOWN)



(VIEW ROTATED 90°)

NOTE: "R" = USED MEASURED DIMENSION (REF)  
"S" = {("R"-.256[6.50])/2} ±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

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	

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B	C28	DO NOT SCALE DRAWING	DWG. NO.
C		SHEET SCALE: 4:1	SHF-1XX-01-X-D-XX-XX
D			BY: T NEWTON 1/10/2008 SHEET 4 OF 4

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