

NOTES:

1. REPRESENTS A CRITICAL DIMENSION.
2. MAX BURR ALLOWANCE: .002 [.05].
3. MAX CUT FLASH: .015 [.38].
4. MINIMUM PUSHOUT FORCE: 2 LB.
5. COPLANARITY TO INCLUDE INSULATOR.
6. FIRST AND LAST PIN OF EACH ROW TO BE FLUSH TO .0030 [.076] ABOVE A LINE MADE BY BODY.
7. SHEAR TO DIMENSION SHOWN.
8. MEASURE AT BEND.
9. T-1S13-XX-T-2 MUST BE FILLED IN THE SAME WAY AS THE SELECTIVE PLATED PINS TO PREVENT BAND MARKS FROM BEING IN THE POST AREA.
10. STRAIGHTNESS TO BE CHECKED BETWEEN SOLDER LOCKS.

TABLE 1		
STYLE	PIN A	PIN B
-DH	T-1S13-09-XX-2	T-1S13-09-XX-2
-RA	T-1S13-02-XX-2	T-1S13-03-XX-2

PATENT NUMBER  
6159045

TSH-1XX-XX-XX-XX-XX

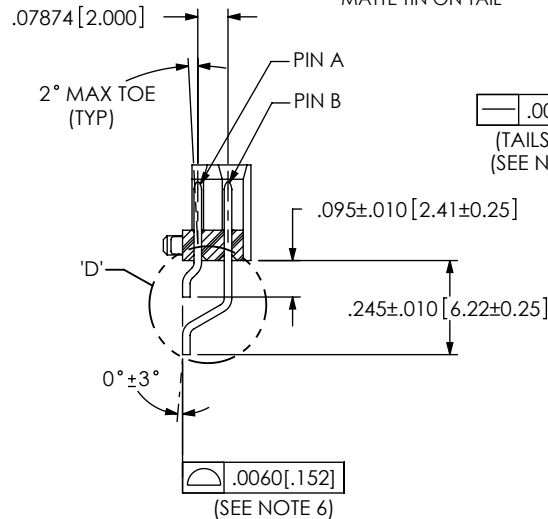
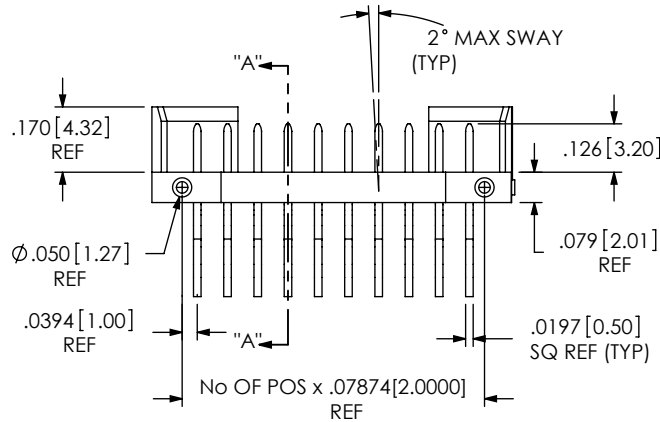
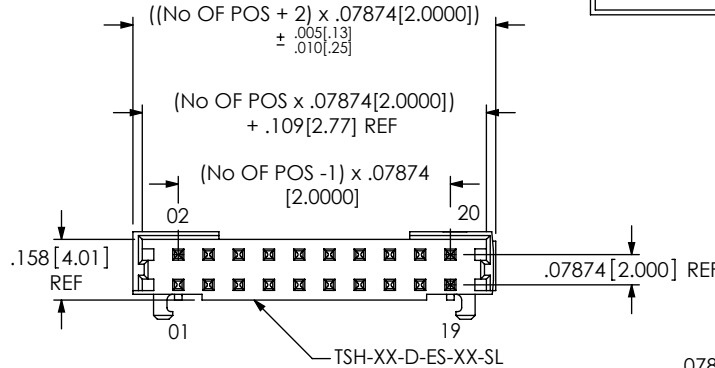
No OF POSITIONS  
-DH ROW SPEC:  
-05 THRU -35  
-RA ROW SPEC:  
-05 THRU -48  
(PER ROW)  
[INCREMENTS OF 5 STD]

LEAD STYLE  
-01: .126 POST

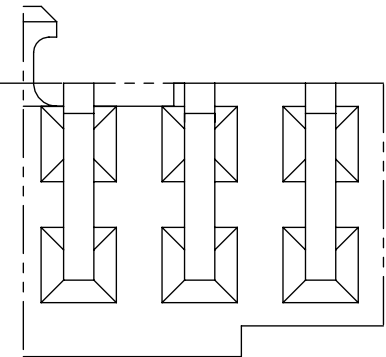
PLATING SPECIFICATION  
-G: 20μ" GOLD IN CONTACT AREA,  
3μ" GOLD ON TAIL  
-T: MATTE TIN CONTACT AND TAIL  
-S: 30μ" SELECTIVE GOLD IN CONTACT AREA,  
MATTE TIN ON TAIL  
-L: 10μ" SELECTIVE GOLD IN CONTACT AREA,  
MATTE TIN ON TAIL  
-H: 30μ" GOLD IN CONTACT AREA,  
3μ" GOLD ON TAIL  
-F: 3μ" SELECTIVE GOLD IN CONTACT AREA,  
MATTE TIN ON TAIL  
-TM: MATTE TIN CONTACT AND TAIL  
-SM: 30μ" SELECTIVE GOLD IN CONTACT AREA,  
MATTE TIN ON TAIL  
-LM: 10μ" SELECTIVE GOLD IN CONTACT AREA,  
MATTE TIN ON TAIL  
-FM: 3μ" SELECTIVE GOLD IN CONTACT AREA,  
MATTE TIN ON TAIL

OPTION  
-TR: TAPE AND REEL PACKAGING  
(-DH ONLY)  
-K: POLYAMIDE FILM PAD  
(10 POS MIN)  
(USE K-500-300, SEE FIG 3, SHT 3)  
(NOT AVAILABLE ON -RA)  
(NOT AVAILABLE ON 15 THRU  
30 POSITIONS, SEE NOTE FIG 3)  
-SL: SOLDER LOCKS

ROW SPECIFICATION  
-DH: DOUBLE HORIZONTAL (SEE FIG 1)  
-RA: RIGHT ANGLE (SEE FIG 2, SHT 3)



$.006 [0.15]$   
(TAILS ONLY)  
(SEE NOTE 10)



DETAIL 'E'  
SCALE 8 : 1

.003 [0.08] MAX  
(SEE NOTE 6)

DETAIL 'D'  
SCALE 3 : 1

FIG 1  
-DH: DOUBLE HORIZONTAL  
TSH-110-01-XX-DH-SL SHOWN  
(AVAILABLE IN POSITIONS -05 THRU -35)

CPC FREQUENCY THIS SHEET
A
B C1, C7, C8
C
D
E C2

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:  
DECIMALS ANGLES  
.XX:  $\pm .01 [0.3]$   $2^\circ$   
.XXX:  $\pm .005 [0.13]$   
.XXXX:  $\pm .0020 [0.051]$

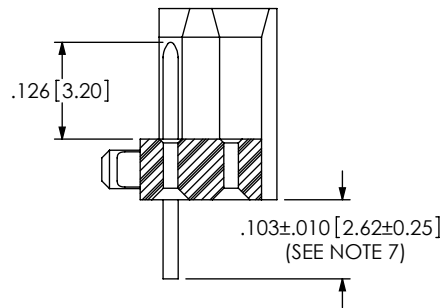
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MATERIAL:  
INSULATOR: LCP, UL 94 VO  
TERMINAL: PHOSPHOR BRONZE

F:\DWG\MISC\MKTG\TSH-1XX-XX-XX-XX-MKT.SLDDRW

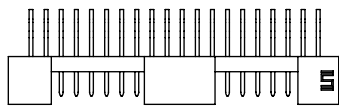
DO NOT SCALE DRAWING SHEET SCALE: 2:1

<b>samtec</b>	
520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code: 55322	
DESCRIPTION: 2mm HORIZONTAL MOUNT TERMINAL STRIP ASSEMBLY	
DWG. NO. <b>TSH-1XX-XX-XX-XX-XX</b>	
BY: KEVIN B	9/8/99
SHEET 1 OF 3	

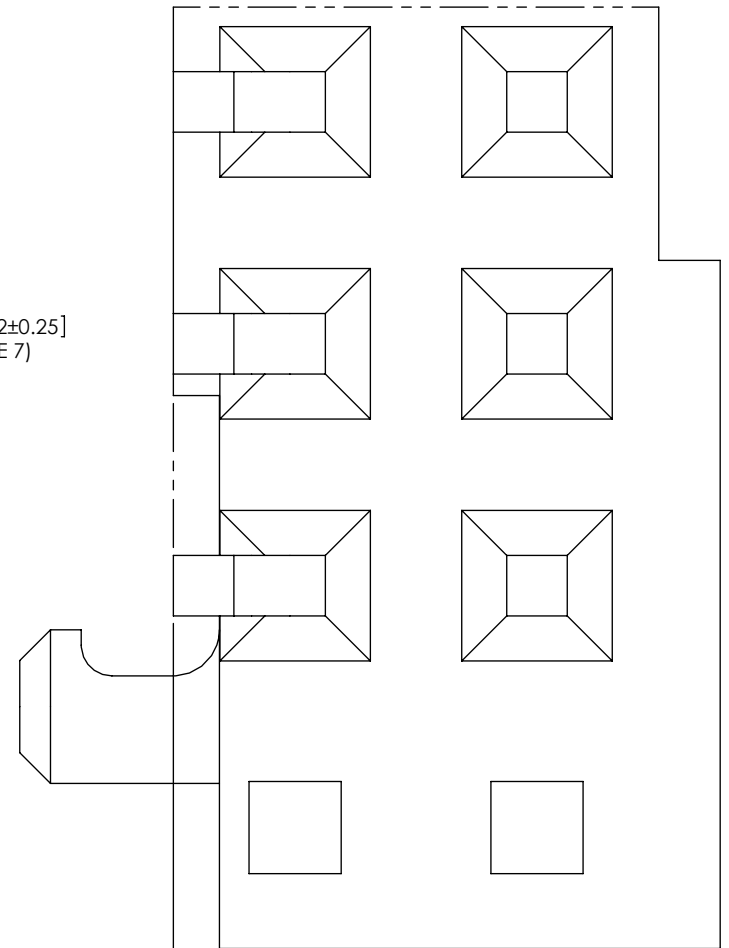
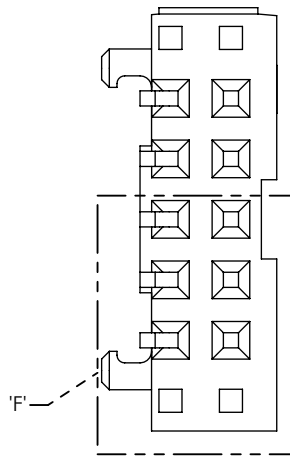
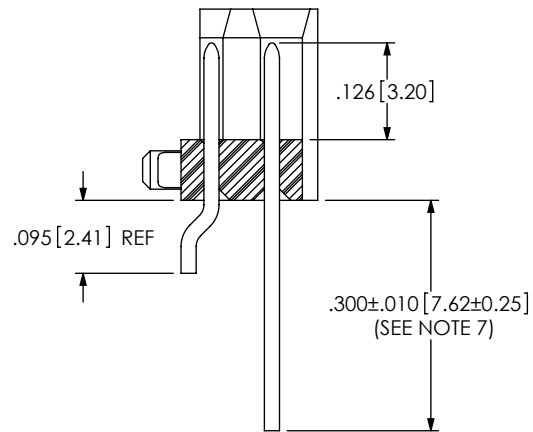
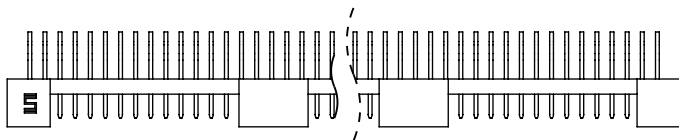


IN-PROCESS 1

POSITIONS -15 THRU -30



POSITIONS -31 THRU -48



.006 [0.15]  
(TAILS ONLY)  
(SEE NOTE 10)

IN-PROCESS 2

DETAIL 'F'  
SCALE 16 : 1

F:\DWG\MISC\MKTG\TSH-1XX-XX-XX-XX-MKT.SLDDRW

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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:  
2mm HORIZONTAL MOUNT TERMINAL STRIP ASSEMBLY

DWG. NO. **TSH-1XX-XX-XX-XX-XX**

BY: KEVIN B 9/8/99 SHEET 2 OF 3

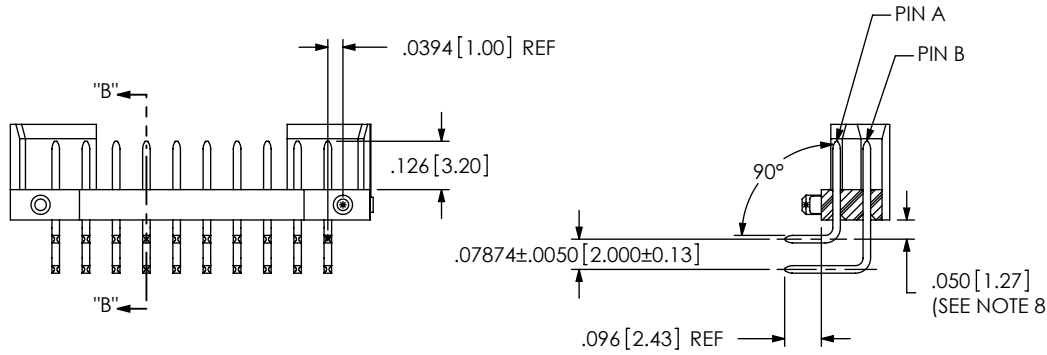
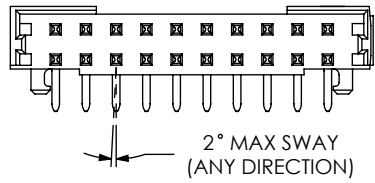


FIG 2  
-RA: RIGHT ANGLE  
(SAME AS FIG 1, UNLESS OTHERWISE STATED)  
[AVAILABLE IN POSITIONS -05 THRU -48]

"R" = USE MEASURED DIMENSION  
"S" = (( "R" - .177[4.50] ) / 2) ± .020[.51]

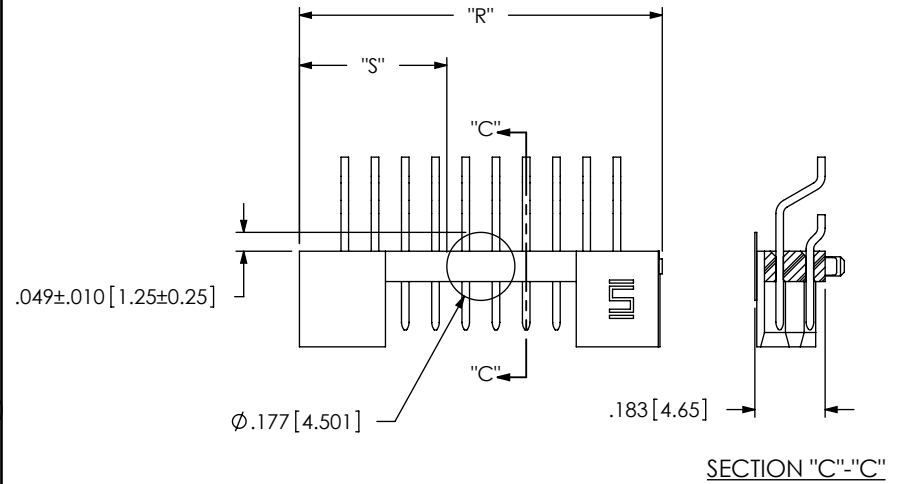
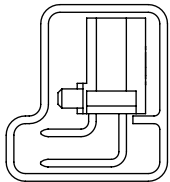


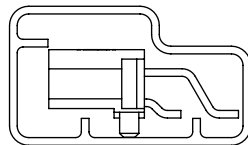
FIG 3  
-K: POLYAMIDE FILM PAD  
(10 POSITION MIN)  
(SAME AS FIG 1, UNLESS OTHERWISE STATED)  
NOTE:  
FOR 15 THRU 30 POSITIONS, -K OPTION NOT NEEDED DUE TO LOCATION OF PLASTIC SHROUD

PACKAGING VIEW  
-RA OPTION



TUBE: PT-1-24-01-45  
PLUG: TP-03

PACKAGING VIEW  
-DH OPTION



TUBE: PT-1-24-05-17  
PLUG: TP-07

NOTE:  
ALL POSITIONS ARE TO BE TUBED.

CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE	
ASSEMBLY OPERATION	IN-PROCESS INSPECTION
FILL T-1S13-09-XX-2 (DH)	C1
FORM T-1S13-09-XX-2 (DH)	C2, C3, C4, C7, C8, C9
FILL T-1S13-XX-XX-2 (RA)	C1
RA T-1S13-XX-XX-2	C5, C6

CPC FREQUENCY THIS SHEET	
A	
B	C1, C5, C6
C	
D	

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SHEET SCALE: 2:1



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