

PATENT NUMBER
6159045

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

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

PACKAGING
BLANK: TUBES (SEE NOTE 12)
-TR: TAPE & REEL (-DH ONLY)
(SEE NOTES 13 & 14)
-FR: FULL REEL QTY TAPE & REEL
(-DH ONLY) (SEE NOTES 13 & 14)

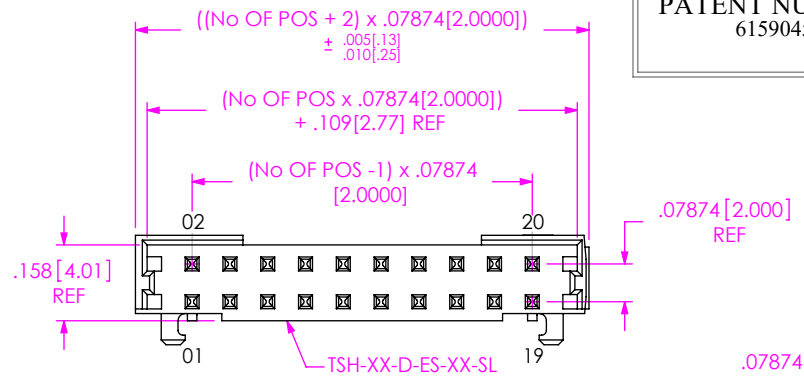
PICK & PLACE OPTION
-K: POLYIMIDE FILM
(10 POS MIN)
(USE K-DOT-.177-.281-.005, SEE FIG 3,
SHT 3)
(NOT AVAILABLE ON -RA)
(NOT AVAILABLE ON 15 THRU
30 POSITIONS, SEE NOTE FIG 3)

OPTION
-SL: SOLDER LOCKS

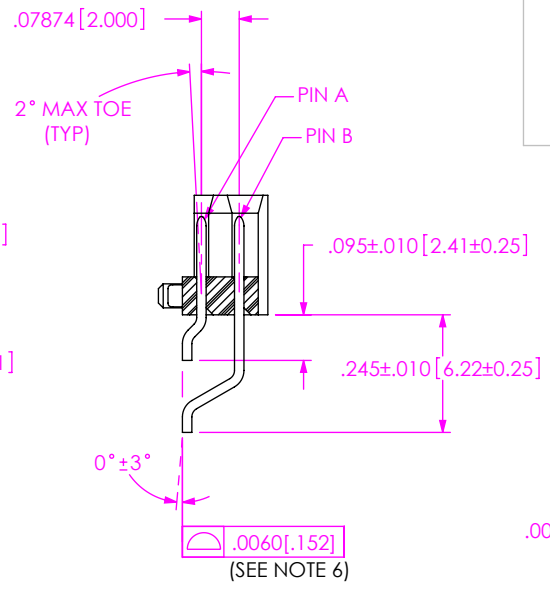
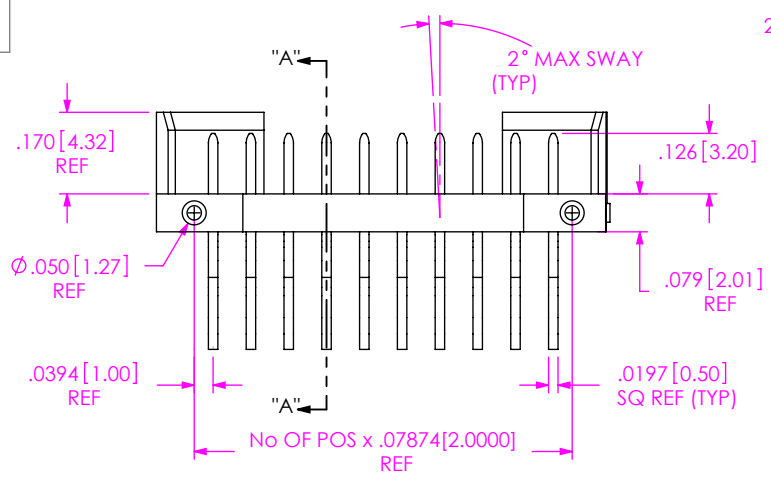
ROW SPECIFICATION
-DH: DOUBLE HORIZONTAL (SEE FIG 1)
-RA: RIGHT ANGLE (SEE FIG 2, SHT 3)

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

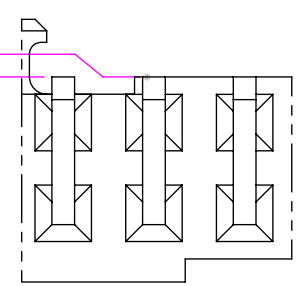


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SECTION "A"- "A"

.000±.003 [0.00±0.08]
(SEE NOTE 11)



DETAIL 'E'
SCALE 6 : 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

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

- NOTES:
- REPRESENTS A CRITICAL DIMENSION.
 - MAX BURR ALLOWANCE: .002 [.05].
 - MAX CUT FLASH: .015 [.38].
 - MINIMUM PUSHOUT FORCE: 2 LB.
 - COPLANARITY TO INCLUDE INSULATOR.
 - ALL FIRST ROW PINS TO BE .001 [.025] BELOW TO .003 [0.076] ABOVE BODY(SEE DETAIL 'F').
 - SHEAR TO DIMENSION SHOWN.
 - MEASURE AT BEND.
 - 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.
 - NOTE DELETED.
 - ALL SECOND ROW PINS TO BE .003[0.076] BELOW TO .003[0.076] ABOVE BODY (SEE DETAIL 'E').
 - TUBES ARE STANDARD PACKAGING.
 - ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
 - ATTACH LABEL TO EACH REEL.

CPC
THIS SHEET

C1, C2, C7,
C10

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.01 [.3] 2°
.XXX: ±.005 [.13]
.XXXX: ±.0020 [.051]

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

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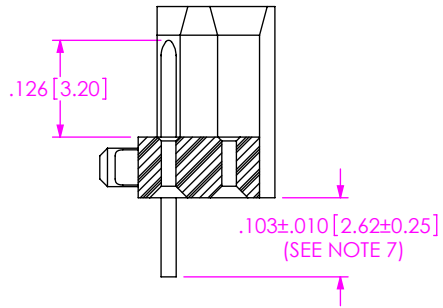
DO NOT SCALE DRAWING SHEET SCALE: 2.5:1

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

DESCRIPTION:
2mm HORIZONTAL MOUNT TERMINAL STRIP ASSEMBLY

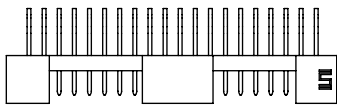
DWG. NO.
TSH-1XX-XX-XX-XX-XX-X-XX

BY: KEVIN B 9/8/99 SHEET 1 OF 3

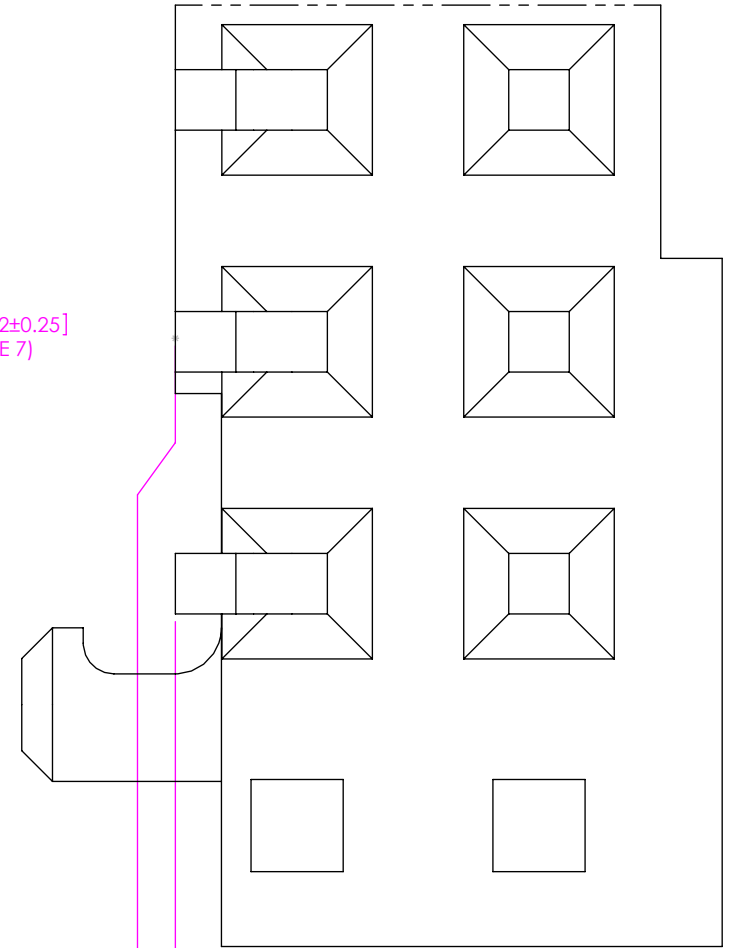
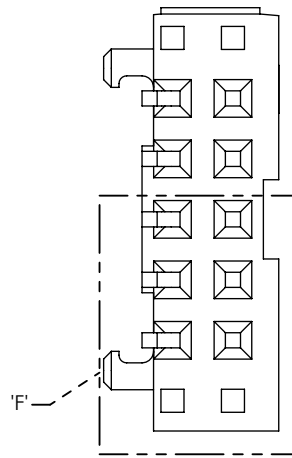
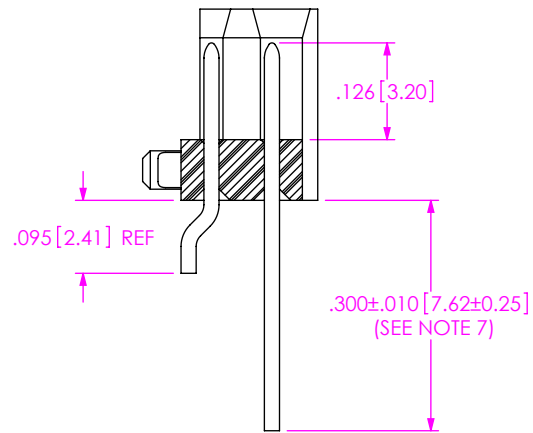
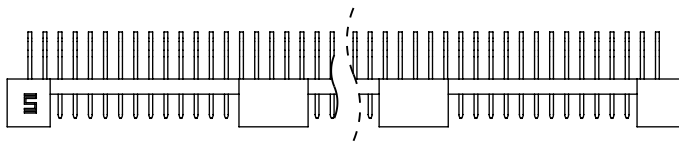


IN-PROCESS 1

POSITIONS -15 THRU -30



POSITIONS -31 THRU -48



IN-PROCESS 2

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

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C3, C4, C11

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

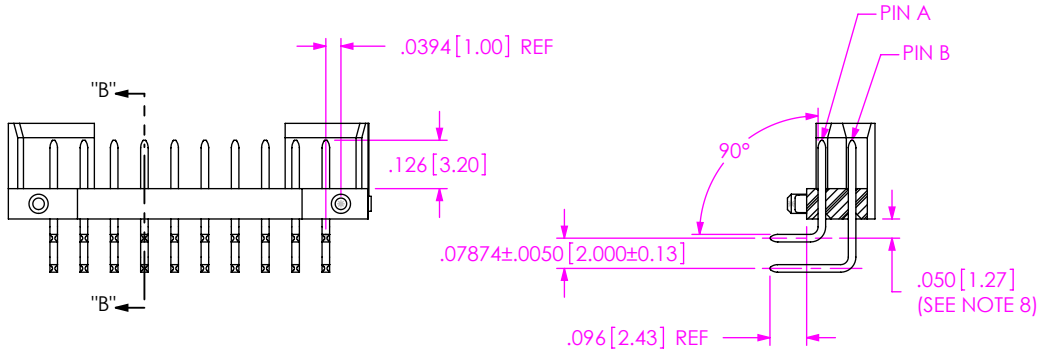
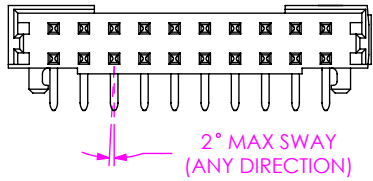


FIG 2
-RA: RIGHT ANGLE
(SAME AS FIG 1, UNLESS OTHERWISE STATED)
[AVAILABLE IN POSITIONS -05 THRU -48]

SECTION "B"-"B"

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

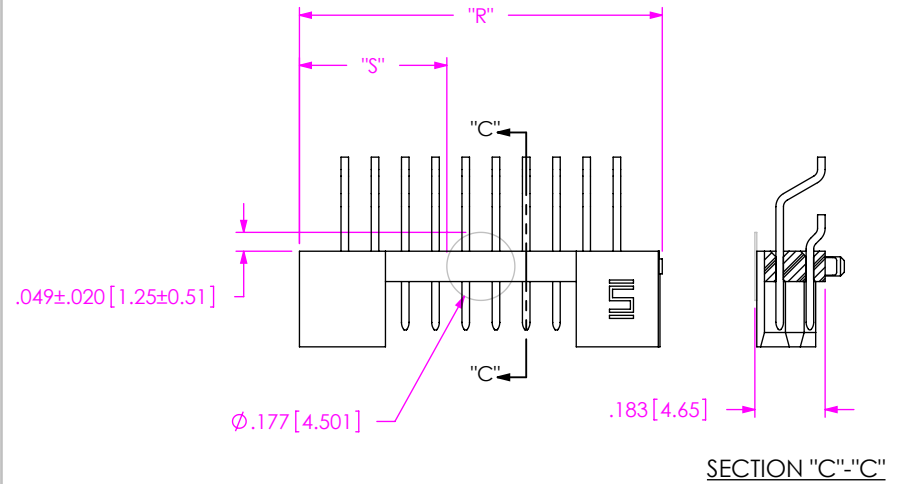
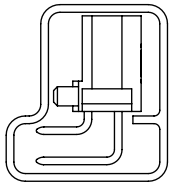


FIG 3

-K: POLYIMIDE FILM PAD
(10 POSITION MIN)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

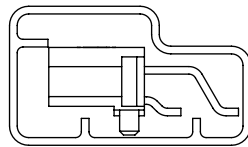
NOTE:
FOR 15 THRU 30 POSITIONS, -K OPTION NOT NEEDED DUE TO LOCATION OF PLASTIC SHROUD

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, C10, C11
FILL T-1S13-XX-XX-2 (RA)	C1
RA T-1S13-XX-XX-2	C5, C6
CPS's INTENTIONALLY DELETED	C8, C9

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C1, C5, C6

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