

DO NOT SCALE FROM THIS PRINT

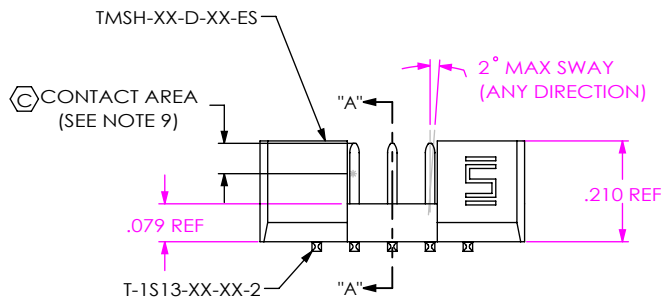
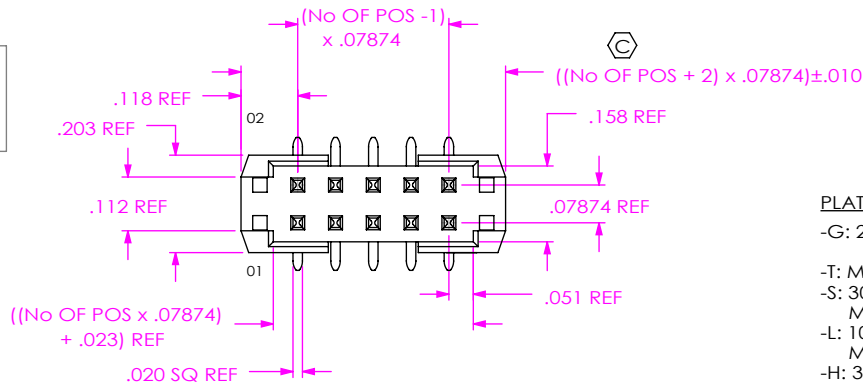


FIG 1  
TSH-105-01-XX-DV SHOWN

STYLE	"A"	"B"	TERMINAL	"L"
-01	.126	.065	T-1S13-07-XX-2	.302
-04	.075	.010	T-1S13-04-XX-2	.255
-05	.065	.005	T-1S13-20-XX-2	.323

NOTES:

- ⊕ REPRESENTS A CRITICAL DIMENSION.
- COPLANARITY TO BE WITHIN .0060.
- BURR ALLOWANCE: .0015 MAX.
- MAXIMUM CUT FLASH: .020.
- MINIMUM PUSHOUT FORCE: 1.0 LB.
- MAXIMUM ALLOWABLE BOW: .002 INCH/INCH AFTER ASSEMBLY.
- MEASURED AT BEND RADIUS, NOT AT TIP OF PIN.
- TUBES ARE STANDARD PACKAGING.
- GOLD PLATING TO BE ON POST, TIN PLATING ON TAIL (ONLY APPLIES TO SELECTIVE PLATING OPTIONS).
- SURFACE MOUNT STYLE -05: TUBES TO BE SHEARED TO ACHIEVE DIM.
- PRINT CREATED FROM TMSH-ASM REVISION E. SEE TMSH-ASM FOR REVISION HISTORY.
- SEE TSH-1XX-XX-X-XX-XX FOR -DH & -RA ROW SPECIFICATIONS.
- ORIENTATE PINS TO REDUCE THE NUMBER OF BANDOLIERS MARKS IN THE POST AREA. (SEE TABLE 2).
- DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE -LC OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT. SAMTEC RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -LC OPTION.
- ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
- ATTACH LABEL TO EACH REEL.

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

No OF POSITIONS

-05 THRU -48  
(PER ROW)

LEAD STYLE

-01: .126 (USE T-1S13-07-XX-2)  
-04: .075 (USE T-1S13-04-XX-2)  
-05: .065 (USE T-1S13-20-XX-2)

PLATING SPECIFICATION

-G: 20μ" GOLD IN CONTACT AREA, 3μ" ON TAIL  
-T: MATTE TIN CONTACT AND TAIL  
-S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL  
-L: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL  
-H: 30μ" HEAVY GOLD IN CONTACT AREA, 3μ" ON TAIL  
-F: 3μ" FLASH 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" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL  
-FM: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

PACKAGING

BLANK: TUBES (SEE NOTES 8 & 15)  
-TR: TAPE & REEL (SEE NOTES 15 & 16)  
-FR: FULL REEL QTY TAPE & REEL (SEE NOTES 15 & 16)  
(-TR & -FR ARE AVAILABLE FOR 34 POSITION MAX, -DV ONLY)

PICK & PLACE OPTION

\*-M: METAL PICK & PLACE PAD (-DV ONLY, USE LMP-04) (SEE FIG 4, SHEET 2)

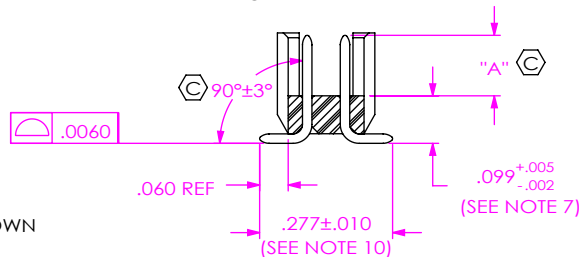
OPTION

-LC: LOCKING CLIP (-DV ONLY) (USE LC-09-TM) (SEE FIG 3, SHEET 2, SEE NOTE 14)  
-A: ALIGNMENT PIN (-DV ONLY) (USE TMSH-XX-D-ES-XX-A) (SEE FIG 3, SHEET 2)

ROW SPECIFICATION (SEE NOTE 12)

-D: DOUBLE THROUGH (SEE FIG 2) (USE TMSH-XX-D-ES)  
-DV: DOUBLE VERTICAL (SEE FIG 1) (USE TMSH-XX-D-ES)

\* = FOR EXISTING CUSTOMERS ONLY



SECTION "A"- "A"

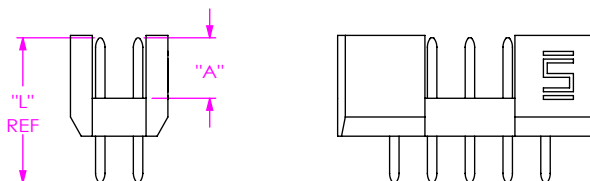
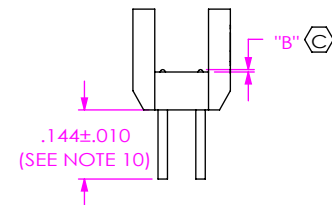
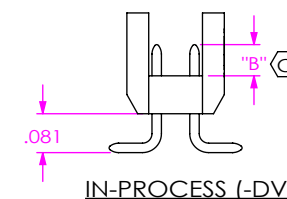


FIG 2  
TSH-105-01-XX-D SHOWN



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

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2.5:1  
INSULATOR: LCP, UL 94 VO  
COLOR: BLACK  
TERMINAL: PHOS BRONZE, ALLOY No 510

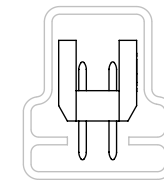
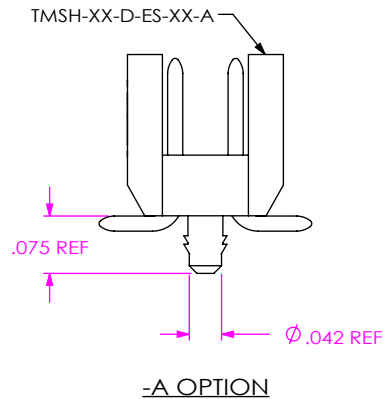
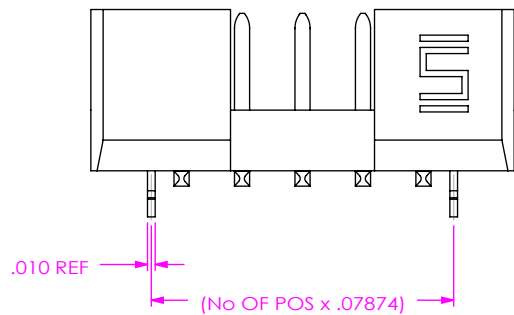
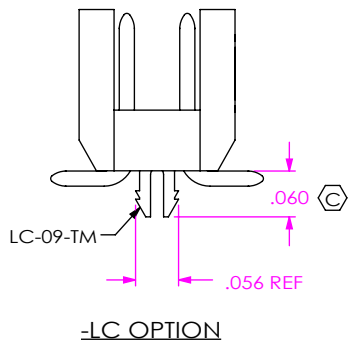
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e-Mail: info@SAMTEC.com code 55322

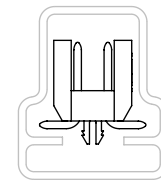
DESCRIPTION:  
2mm END SHROUD TERMINAL ASSEMBLY

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

BY: DEAN P 07-02-2010 SHEET 1 OF 2



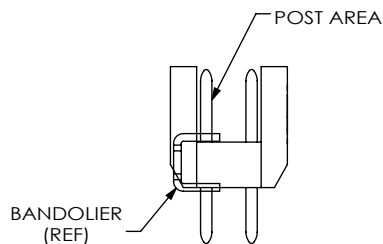
TSH-1XX-XX-XX-D-XX  
TUBE: PT-1-24-04-15  
PLUG: TP-09



TSH-1XX-XX-XX-DV-XX  
TUBE: PT-1-24-04-15  
PLUG: TP-09

PACKAGING VIEW

FIG 3  
-LC & -A OPTIONS (-DV ONLY)



IN-PROCESS BANDOLIER REF VIEW  
-T PLATING ONLY  
(SEE NOTE 13)  
(SEE TABLE 2)

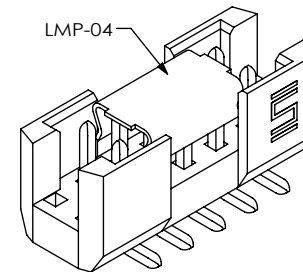
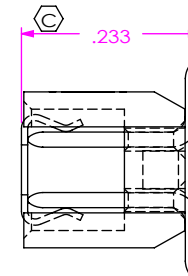
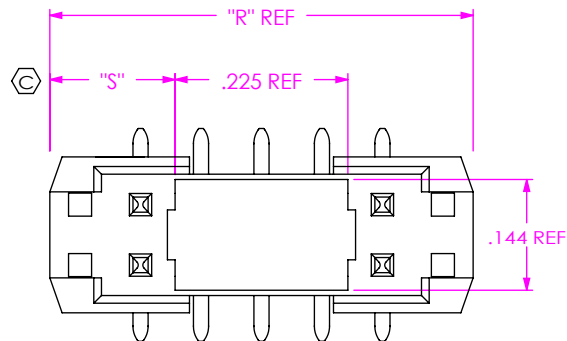


FIG 4  
-M: PICK & PLACE PAD OPTION (-DV ONLY)

"R" = (No OF POS + 2) x .07874  
"S" = {("R" - .239) / 2} ± .020

LEAD STYLE	NUMBER OF BAND MARKS ALLOWED IN THE POST AREA	
	PIN A	PIN B
*-01	0	0
*-04	0	0
*-05	0	0

\* PINS TO BE FLIPPED OPPOSITE OF SELECTIVE PLATING BEFORE BEING INSERTED

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

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SHEET SCALE: 1:0.25

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2mm END SHROUD TERMINAL ASSEMBLY

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

BY: DEAN P 07-02-2010 SHEET 2 OF 2