

DO NOT SCALE FROM THIS PRINT

NOTES:

1. $\text{\textcircled{C}}$ REPRESENTS A CRITICAL DIMENSION.
2. PUSHOUT FORCE TO BE: 2 lb. (32oz) MIN.
3. ORIENTATION OF PART IN T&R MAY VARY DEPENDING ON POCKET.
4. MAX CUT FLASH .030 ON TAIL AND POST.
5. 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.
6. AVAILABLE ON -01 LEAD STYLE ONLY, MATES WITH SSW, SSQ, SSM, BCS, ESW, ESQ.
7. 50 POSITION PARTS ARE ONLY AVAILABLE FOR INTERNAL SAMTEC USE ONLY.
8. NOTE DELETED.

DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED		TOLERANCES ARE:	TITLE:	DWG NO:
ONE PLACE DECIMALS ±.1 [5]	THREE PLACE DECIMALS ±.005 [1.3]	ANGLES ±2°	TERMINAL STRIP		TSM-1XX-XX-XXX-SH-XX-XXX-XX	EXISPROD/ASSEMBLY/100 TSM9HAM
TWO PLACE DECIMALS ±.01 [2.5]	FOUR PLACE DECIMALS ±.0020 [0.51]	SINGLE SURFACE MOUNT		SHEET 1 OF 2		

TSM-1XX-XX-XXX-SH-XX-XXX-XX

No. OF POSITIONS
-02 THRU -36,
50 (SEE NOTE 7)

LEAD STYLE
SEE TABLE 1

OPTION #3

- P: PICK & PLACE PAD (SEE FIG 3)
USE PPP-08 (-04 THRU -36 POSITION OR 02 & 03 POSITION WITH -TR ONLY)
- TR: TAPE & REEL (-02 THRU -30 POSITION)
(LEADS MAY NOT BE VISIBLE FOR CUSTOMER VISUAL INSPECTION ON SMALLER POSITION PARTS WHEN USED WITH -P OPTION.)
- K: POLYIMIDE FILM (SEE FIG 6, SHT 2)
(-04 THRU -36 POSITION)
(-02 & -03 POSITIONS WITH -TR ONLY)
(USE K-DOT-.197-.344-.005)

OPTION #2

-XXX: POLARIZED POSITION
SPECIFY OMITTED PIN

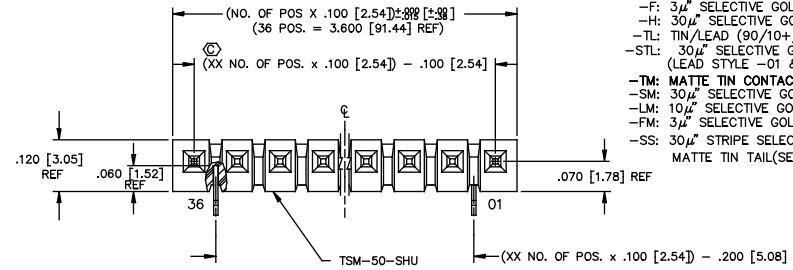
OPTION #1

- LC: LOCKING CLIP (SEE FIG 1)(SEE NOTE 5)
USE LC-09-TM (-03 THRU -36 POS USE 2 PER STRIP)
(-02 POS USE 1 PER STRIP)
(USE TSM-50-SHU)
- A: ALIGNMENT PIN
(USE TSM-XX-SHU-XX BODY FOR MOLDED -A PINS, POS -02 THRU -50, SEE FIG 2, SHEET 2)
(USE TSM-50-SHU BODY FOR STAKED -A PINS, POS -04 THRU -50, SEE FIG 4, SHEET 2)

LEAVE BLANK FOR NO HOLD
DOWN OPTION (USE TSM-50-SHU SEE FIG 1,
CAN BE CUT TO POSITION) N/A ON STYLE -03

PLATING SPEC.

- T: MATTE TIN ON ENTIRE PIN
- S: 30μ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- G: 10μ SELECTIVE GOLD IN CONTACT AREA, 3μ SELECTIVE GOLD ON TAIL
- L: 10μ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- F: 3μ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- H: 30μ SELECTIVE GOLD IN CONTACT AREA, 3μ SELECTIVE GOLD ON TAIL
- TL: TIN/LEAD (90/10+/-5%) CONTACT AND TAIL (-01 LEAD STYLE ONLY)
- STL: 30μ SELECTIVE GOLD IN CONTACT AREA, TIN/LEAD (90/10+/-5%) (LEAD STYLE -01 & -02 ONLY)
- 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
- SS: 30μ STRIPE SELECTIVE GOLD IN CONTACT AREA, MATTE TIN TAIL(SEE NOTE 6)

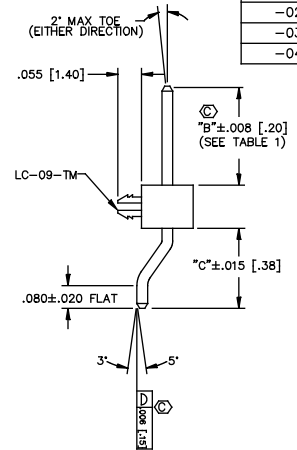
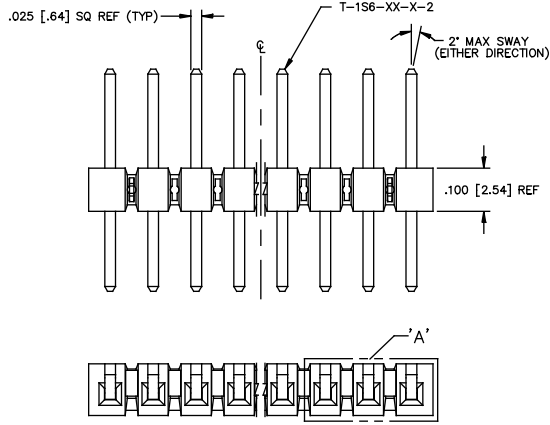


ROW SPECIFICATION

-SH: SINGLE HORIZONTAL

TABLE 1

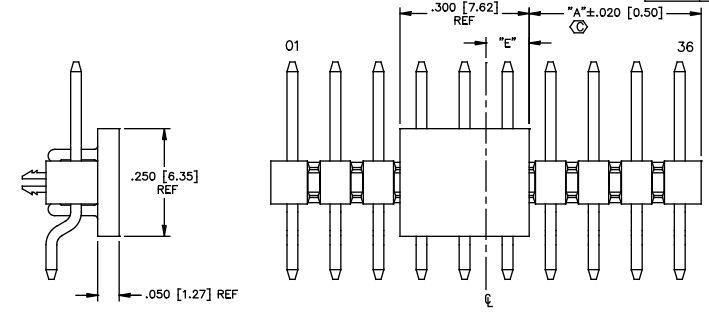
LEAD STYLE	"B"	TERMINAL	"C"
-01	.230 [5.84]	T-1S6-08-X-2	.180 [4.57]
-02	.320 [8.13]	T-1S6-15-X-2	.190 [4.83]
-03	.420 [10.67]	T-1S6-09-X-2	.190 [4.83]
-04	.120 [3.05]	T-1S6-07-X-2	.190 [4.83]



DIFFERENT AS SHOWN. OTHERWISE SAME AS FIG 1

TABLE 3

POS.	"E"
ODD	.150 [3.81]
EVEN	.100 [2.54]



FOR ODD: "A" = $\frac{(\text{NO. OF POS X .100 [2.54]} - .300 [7.26])}{2}$

FOR EVEN: "A" = $\left[\frac{(\text{NO. OF POS X .100 [2.54]} - .300 [7.26])}{2} \right] + .050 [1.27]$

FIG 1
-LC: LOCKING CLIP OPTION
CLIPS N/A WITH -A OPTION.

FIG 3
-P: PICK & PLACE PAD
PLACE PPP-08 ON ϕ AS SHOWN

MATERIAL:
BODIES: LIQUID CRYSTAL POLYMER
COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE

EXISPROD/ASSEMBLY/100 TSM9HAM
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PHONE (812) 944-6733 P.O. BOX 1147
CODE 55322
MADE IN: REIDINGER 7-19-91 TSM-1XX-XX-XXX-SH-XX-XXX-XX SHEET 02

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