REV. BW

NOTES:

1. Ⓒ 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.

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES	TOLERANCES ARE:		TITLE: TERMINAL STRIP SINGLE SURFACE MOUNT	DWG NO: TSM-1XX-XX-XXX-SH-XX-XXX-XX
ONE PLACE DECIMALS ±.1 [3] TWO PLACE DECIMALS ±.01 [.25]	THREE PLACE DECIMALS ± .005 [.13] FOUR PLACE DECIMALS ± .0020 [.051]	ANGLES ± 2°		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

PLATING SPEC.
-T: MATTE TIN CONTACT AND TAIL
-S: SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
-G: GOLD, 10 Au / 50 Ni MIN ON CONTACT, 3 Au / 50 Ni MIN ON TAIL
-L: SELECTIVE, 10 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
-F: FLASH SELECTIVE, 3 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
-H: HEAVY GOLD, 30 Au / 50 Ni MIN ON CONTACT, 3 Au / 50 Ni MIN ON TAIL
-TL: TIN/LEAD (90/10+/-5%) CONTACT AND TAIL (-01 LEAD STYLE ONLY)
-STL: SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, TIN/LEAD (90/10+/-5%) (LEAD STYLE -01 & -02 ONLY)
-TM: MATTE TIN CONTACT AND TAIL
-SM: HEAVY SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
-LM: LIGHT SELECTIVE, 10 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
-FM: FLASH SELECTIVE, 3 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
-SS: STRIPE SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL(SEE NOTE 6)

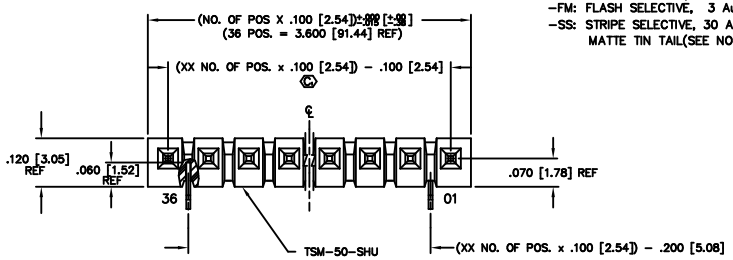
ROW SPECIFICATION
-SH: SINGLE HORIZONTAL

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

OPTION #2
-XXX: POLARIZED POSITION SPECIFY OMITTED PIN

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)

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]



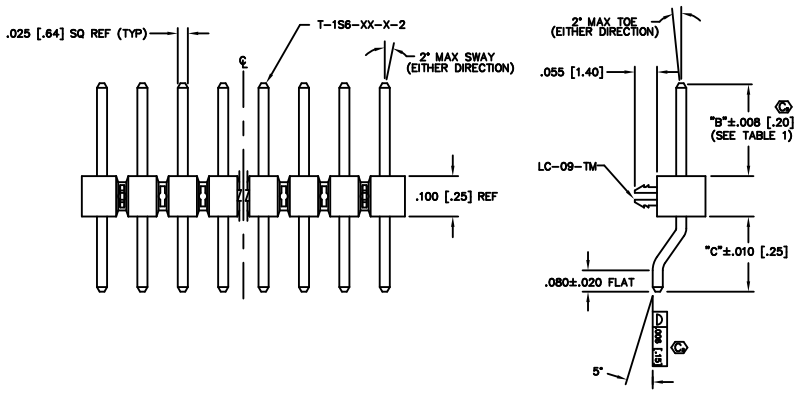
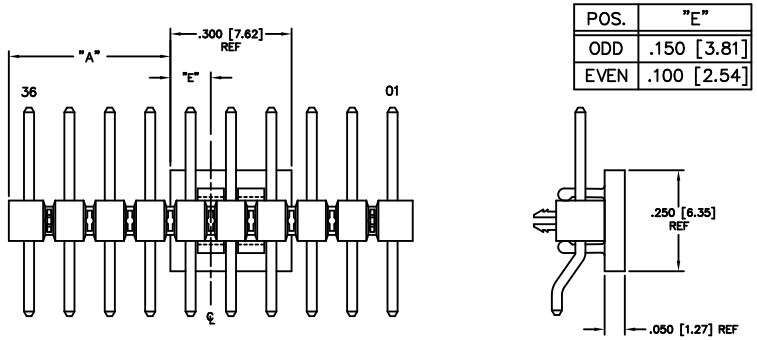


FIG. 1
-LC: LOCKING CLIP OPTION
CLIPS N/A WITH -A OPTION.

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. 3
-P: PICK & PLACE PAD
PLACE PPP-08 ON ℄ AS SHOWN

PROPRIETARY NOTE
THIS DRAWING AND THE DATA CONTAINED HEREIN, ARE PROPRIETARY TO SAMTEC INC. AND SHALL NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE WRITTEN CONSENT OF SAMTEC INC. ANY REPRODUCTION IN WHOLE OR IN PART MUST BEAR THIS LEGEND.

MATERIAL: BODIES: LIQUID CRYSTAL POLYMER COLOR: BLACK TERMINALS: PHOSPHER BRONZE	EXSPROD\ASSEMBLY\100 TSMSHASM
	samtec 520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150 PHONE (812) 944-6733 P.O. BOX 1147 CODE 56322
MADE BY: REIDINGER 7-19-91	TSM-1XX-XX-XXX-SH-XX-XXX-XX SHEET 1 OF 2