

REVISION CE

DO NOT SCALE
FROM THIS PRINT

NOTES:

1. 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.

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 8)

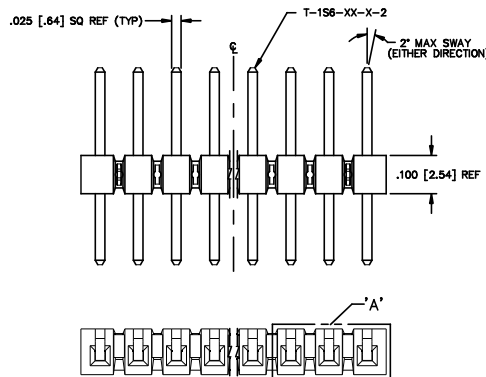
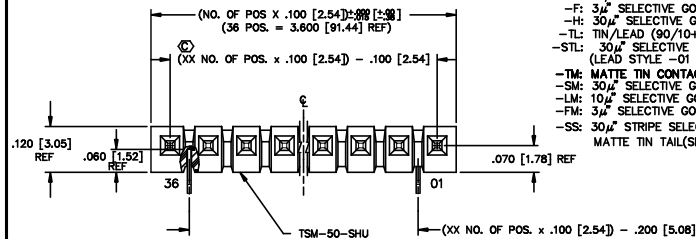


FIG 1

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

DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED		TOLERANCES ARE:		TITLE	DWG NO:
ONE PLACE DECIMALS ±.1 [3]	THREE PLACE DECIMALS ±.005 [-.13]	ONE PLACE DECIMALS ±.01 [-.25]	FOUR PLACE DECIMALS ±.0020 [-.051]	ANGLES ± 2°		TERMINAL STRIP SINGLE SURFACE MOUNT	TSM-100-XX-XXX-SH-XX-XXX-XX
							SHEET 6 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

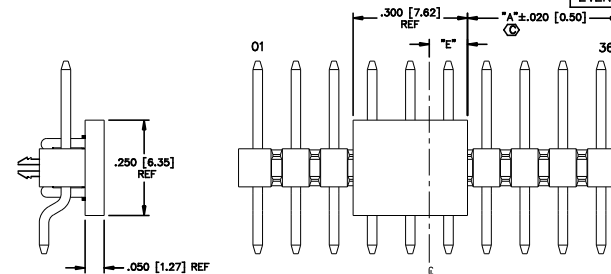
ROW SPECIFICATION
-SH: SINGLE HORIZONTAL

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]



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

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

FIG 3

-P: PICK & PLACE PAD
PLACE PPP-08 ON C AS SHOWNMATERIAL:
BODY: LIQUID CRYSTAL POLYMER
COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE

samtec EXSPROD/ASSEMBLY/100 TSM/SHAM

820 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-8733 P.O. BOX 1147
CDD: 55322

DATE: 7-18-91
REIDINGER 7-18-91TSM-100-XX-XXX-SH-XX-XXX-XX
SHEET 1 OF 2

PROPRIETARY NOTE

THIS DOCUMENT IS THE PROPERTY OF SAMTEC CORPORATION. IT IS TO BE USED FOR THE PURPOSES SPECIFIED IN THE ORDER. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF SAMTEC CORPORATION.