

DO NOT SCALE
FROM THIS PRINT

1. REPRESENTS A CRITICAL DIMENSION.
2. PUSHOUT FORCE TO BE: 2 lb. (32oz) MIN.
3. ORIENTATION OF PART OR PAD 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, SSO, SSM, BCS, ESW, ESQ.
7. 50 POSITION PARTS ARE ONLY AVAILABLE FOR INTERNAL SAMTEC USE ONLY.
8. NOTE DELETED.
9. -FR OPTIONS WILL BE SHIPPED AT THE MAX QUANTITY PER REEL, BASED ON OPTIONS SELECTED.
10. LEADS MAY NOT BE VISIBLE FOR CUSTOMER VISUAL INSPECTION ON SMALLER POSITION PARTS WHEN USED WITH -P OPTION.
11. NOT ALL PARTS FOLLOW EIA-481 ORIENTATION IN THE T&R POCKET.

	<u>PLATING SPEC.</u>
	-T: MATTE TIN ON ENTIRE PIN
	-S: 30µ" SELECTIVE GOLD IN C
	-G: 10µ" SELECTIVE GOLD IN C
	-L: 10µ" SELECTIVE GOLD IN C
	-F: 3µ" SELECTIVE GOLD IN C
	-H: 30µ" SELECTIVE GOLD IN C

- T1: MATTE TIN ON ENTIRE PIN
- S: 30µ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
- C: 10µ SELECTIVE GOLD IN CONTACT AREA, 3µ SELECTIVE GOLD ON TAIL.
- G: 10µ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
- H: 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: TIN/LEAD (90/10+/-5%) CONTACT AREA, TIN/LEAD (90/10+/-5%)
(LEAD STYLE -01 & -02 ONLY)
- LM: 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)

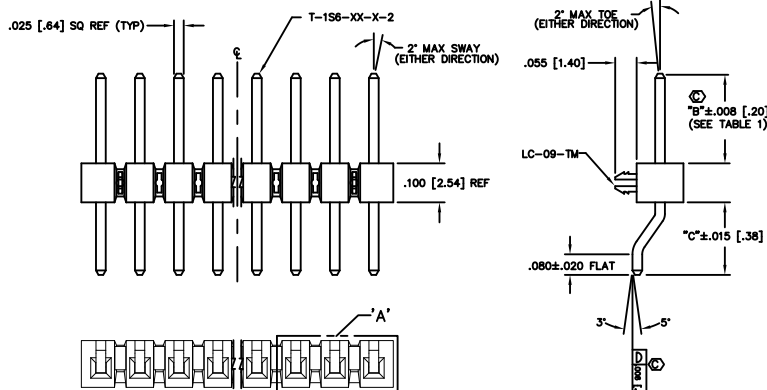
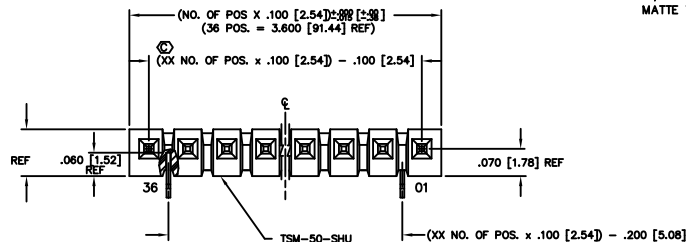


FIG 1
-LC: LOCKING CLIP OPTION
CLIPS N/A WITH -A OPTION.

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 & -FR ONLY)
-TR: TAPE & REEL (-02 THRU -30 POSITION)
(SEE NOTE 10 & 11)
-K: POLYIMIDE FILM (SEE FIG 6, SHT 2)
(-04 THRU -36 POSITION)
(-02 & -03 POSITIONS WITH -TR & -FR ONLY)
(USE K-DOT-.197-.344-.005)
-FR: FULL REEL QTY. TAPE & REEL
(-02 THRU -30 POSITION)
(SEE NOTE 9 & 10)

— 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)

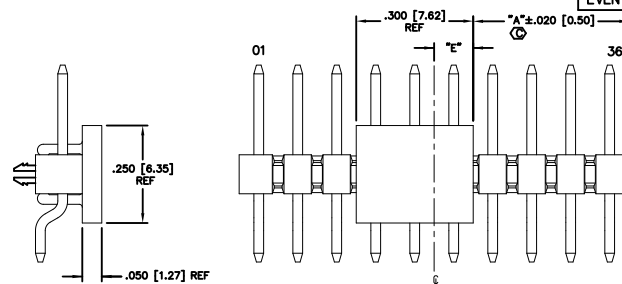
(USE TSM-50-SHU BODY FOR STAKED -A PINS, POS -04
THRU -50, SEE FIG 4, SHEET 2)

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

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	.180 [4.57]

DIFFERENT AS SHOWN. OTHERWISE SAME AS FIG 1

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



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

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

FIG 3
-P: PICK & PLACE PAD

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

samtec EXSPROD\ASSEMBLY\1
TSM\SHSM

520 PARK EAST
PHONE (81
MADE BY:
REIDINGER 7-19-9

ntec EXISPROD\ASSEMBLY\1
TSMASHM

NEW ALBANY, INDIANA 47150
-6733 P.O. BOX 1147
E 55322

TSM-1XX-XX-XXX-SH-XX-XXX-3