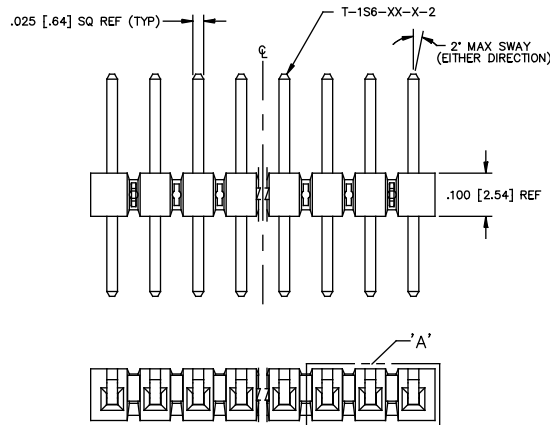
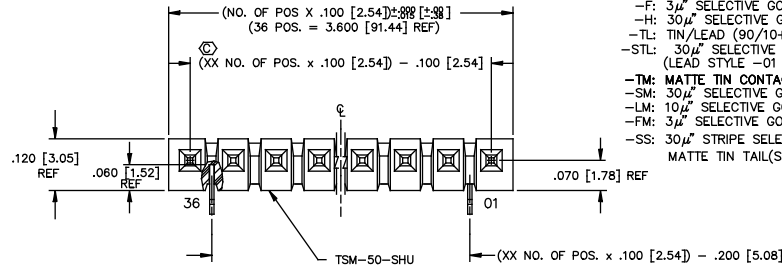


DO NOT SCALE  
FROM THIS PRINT

## NOTES:

1.  $\text{Ⓢ}$  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, 3μ" SELECTIVE GOLD 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)

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)

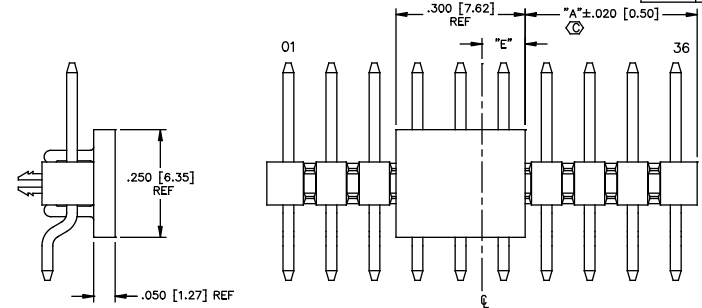
LEAVE BLANK FOR NO HOLD  
DOWN OPTION (USE TSM-50-SHU SEE FIG 1,  
CAN BE CUT TO POSITION) N/A ON STYLE -03

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  $\phi$  AS SHOWN

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

**samtec**  
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PHONE (812) 944-6733 P.O. BOX 1147  
CODE 55322

MADE BY:  
REIDINGER 7-19-91TSM-1XX-XX-XXX-SH-XX-XXX-XX  
SHEET 02

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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 [1.3]  |  | ANGLES<br>± 2°  |  | TERMINAL STRIP       |  | TSM-1XX-XX-XXX-SH-XX-XXX-XX |  |
| TWO PLACE DECIMALS ±.01 [2.5] |  |  | FOUR PLACE DECIMALS ±.0020 [0.51] |  |                 |  | SINGLE SURFACE MOUNT |  | SHEET 1 OF 2                |  |