

REVISION CL

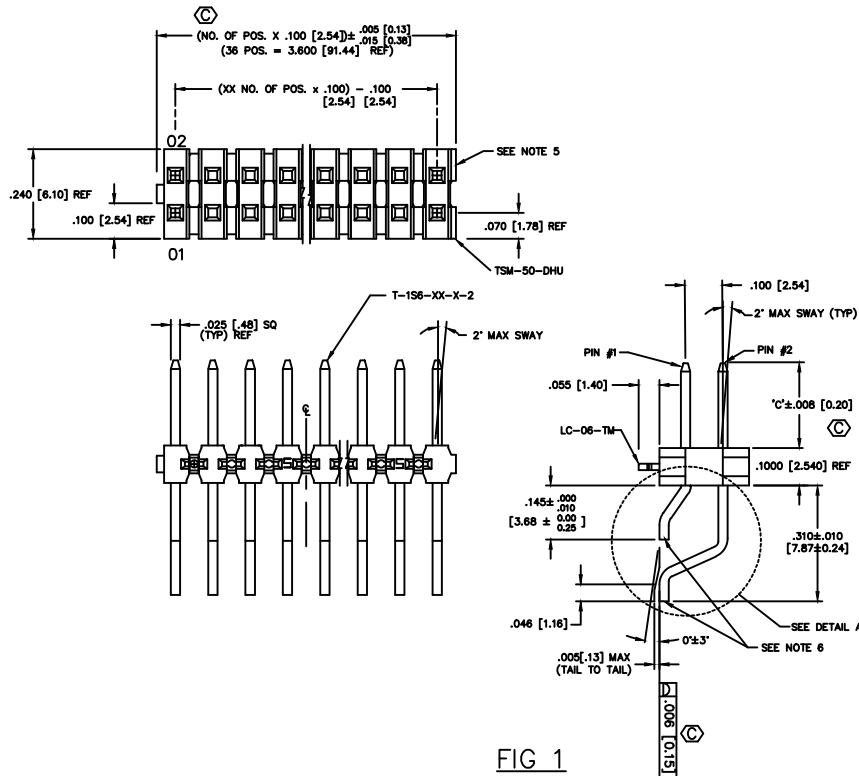
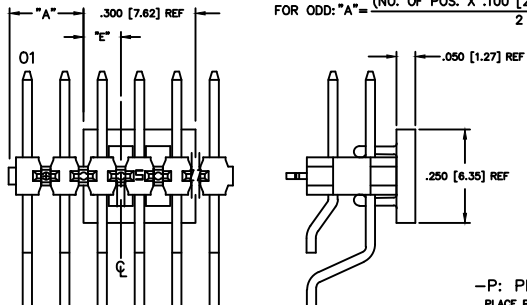
DO NOT SCALE
FROM THIS PRINT

FIG 1

-LC: LOCKING CLIP OPTION
CLIPS N/A WITH -A OPTION.DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1.

$$\text{FOR EVEN "A"} = \frac{(\text{NO. OF POS. X .100 [2.54]} - .300 [7.62])}{2} + .050 [1.27]$$

$$\text{FOR ODD "A"} = \frac{(\text{NO. OF POS. X .100 [2.54]} - .300 [7.62])}{2}$$



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

FIG 3

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

TABLE 2	
NO OF POS	S/S BOW
02 - 10	.0030 [0.080]
11 - 20	.0050 [0.127]
21 - 30	.0070 [0.178]
31 - 36	.0080 [0.203]

ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE NOTED
TOLERANCES ARE:
ONE PLACE DECIMALS ± .1 [3] THREE PLACE DECIMALS ± .005 [0.13]
TWO PLACE DECIMALS ± .01 [3] FOUR PLACE DECIMALS ± .0020 [0.051]

TITLE: **TERMINAL STRIP**
DOUBLE SURFACE MOUNT
DWG NO: **TSM-1XX-XX-XXX-XX-XX-XXX-XX**
SHEET 1 OF 3

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

NO. OF POSITIONS
-02 THRU -36LEAD STYLE
(SEE TABLE 1)

OPTION #3

-P: PICK & PLACE PAD, SEE FIG 3
(USE PPP-08)
(AVAILABLE ON POS -05 THRU -36)
(AVAILABLE ON POS -02 THRU -04
WITH -TR OPTION ONLY)
(NOT AVAILABLE WITH -K OPTION)

-TR: TAPE & REEL (29 POS MAX)
(AVAILABLE FOR -DH ONLY)

-K: POLYIMIDE FILM (SEE FIG 5, SHT 2)
(NOT AVAILABLE WITH -P OPTION)
(USE K-DOT-197-344-.005)
(AVAILABLE ON POS -04 THRU -36)
(AVAILABLE ON POS -02 THRU -03
WITH -TR OPTION ONLY)

OPTION #2

POLARIZED POSITION: SPECIFY OMITTED PIN

OPTION #1

-LC: LOCKING CLIP (USE LC-06-TM - SEE FIG. 1) (SEE NOTE 13)
(03-36 POS USE 2 PER STRIP, 02 POS USE 1 PER STRIP)
(USE TSM-XX-DHU)
(NOT AVAILABLE WITH -A OR -SL OPTIONS)

-A: ALIGNMENT PIN (SEE FIG 2, SHT 3)
(STAKED: 4 POS MIN) (MOLDED: 2 POS MIN)
(NOT AVAILABLE WITH -LC OR -SL OPTIONS)
LEAVE BLANK FOR NO HOLD DOWN OPTION.

-SL: SOLDER LOCK (SEE FIG 6, SHT 2)
(2 POSITION MINIMUM)
(NOT AVAILABLE WITH -LC OR -A OPTIONS)

PLATING SPECIFICATION

- T: MATTE TIN CONTACT AND TAIL
- S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- L: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- F: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- H: 30μ" HEAVY GOLD IN CONTACT AREA, 3μ" FLASH GOLD ON TAIL
- TL: TIN/LEAD (90/10+/-5) CONTACT AND TAIL
- STL: 30μ" SELECTIVE GOLD, ON CONTACT, TIN/LEAD (90/10+/-5) TAIL
- SM: 30μ" SELECTIVE GOLD, IN CONTACT AREA, MATTE TIN ON TAIL
- LM: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- FM: 3μ" FLASH SELECTIVE GOLD, IN CONTACT AREA, MATTE TIN ON TAIL
- TM: MATTE TIN CONTACT AND TAIL
- SS: 30μ" STRIPED SELECTIVE GOLD IN CONTACT, MATTE TIN ON TAIL (SEE NOTE 14)

ROW OPTION

- DH: DOUBLE HORIZONTAL
(USE TSM-50-DHU)
- MT: MIXED TECHNOLOGY (SEE FIG. 4 & TABLE 1)
(NOT AVAILABLE WITH -LC, -SL, -TR OR -A OPTIONS)

NOTES:

1. ϕ REPRESENTS A CRITICAL DIMENSION.
2. DELETED
3. DELETED
4. DELETED
5. .005 [0.13] MAX CUT FLASH.
6. .002 [0.051] MAX BURR. MUST BE AWAY FROM SMT BOARD SIDE.
7. DELETED
8. CUT TO POSITION BODIES TO BE MULTI-CUT OR ROTO-CUT ONLY, NEVER AIR CUT.
9. TUBE POSITIONS 5-36, BULK PACKAGE POSITIONS 2-4.
10. 3 LBS. MIN PUSHOUT FORCE.
11. -04 LEAD STYLE DOES NOT MATE WITH SSM-DH.
12. ORIENTATION OF PART IN TAPE AND REEL TO BE CONTROLLED BY POCKET DESIGN.
13. 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.
14. -SS OPTION ONLY AVAILABLE IN LEAD STYLE -01 AND CAN ONLY MATE WITH SSW, SSQ, SSM, ESW, ESQ AND BCS.

TABLE 1

ROW OPTION	LEAD STYLE	BOTTOM ROW PIN #1	TOP ROW PIN #2	"C"
-DH	-01	T-1S6-08-X-2	T-1S6-10-X-2	.230 [5.84]
-DH	-02	T-1S6-09-X-2	T-1S6-11-X-2	.320 [8.13]
-DH	-03	T-1S6-09-X-2	T-1S6-20-X-2	.420 [10.67]
-DH	-04 (SEE NOTE 11)	T-1S6-09-X-2	T-1S6-09-X-2	.120 [3.05]
-MT	-01	T-1S6-08-X-2	T-1S6-20-X-2	.230 [5.84]
-MT	-02	T-1S6-15-X-2	T-1S6-20-X-2	.320 [8.13]
-MT	-03	T-1S6-09-X-2	T-1S6-20-X-2	.420 [10.67]

MATERIAL:
INSULATOR:
LCP, UL 94 VO
COLOR: BLACK
TERMINALS:
PHOSPHOR BRONZE

EXISPROD/ASSEMBLY/100
TSMOH
samtec
520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-6733 P.O. BOX 1147
CODE 55322

MADE BY: BRATCHER 7-27-85

TSM-1XX-XX-XXX-XX-XX-XXX-XX
SHEET 1 OF 3

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