

REVISION CG

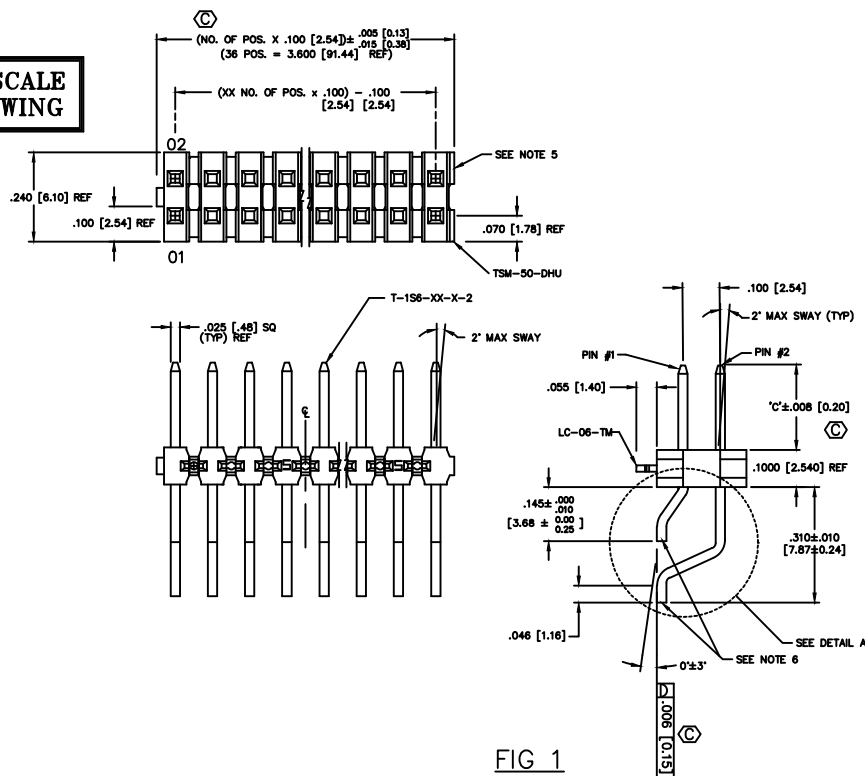
DO NOT SCALE
THIS DRAWING

FIG 1

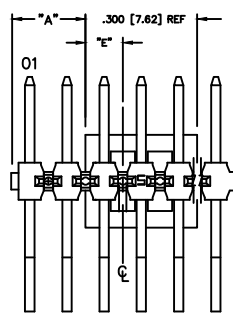
-LC: LOCKING CLIP OPTION
CLIPS N/A WITH -A OPTION.DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1.

TABLE 3

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

FIG 3

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

TABLE 2	
NO OF POS	S/S BOW
02 - 10	.0030 [0.80]
11 - 20	.0050 [1.27]
21 - 30	.0070 [1.78]
31 - 36	.0080 [2.03]

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

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. $\odot$ REPRESENTS A CRITICAL DIMENSION.
2. DELETED
3. DELETED
4. DELETED
5. .005 [0.13] MAX CUT FLASH.
6. .002 [0.51] 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 SSM, SSQ, SSM, ESW, ESQ AND BCS.

DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED		TOLERANCES ARE:		ANGLES		TITLE		DWG NO:	
ONE PLACE DECIMALS ±.1 [3]	THREE PLACE DECIMALS ±.005 [0.13]	FOUR PLACE DECIMALS ±.0002 [0.01]	ANGLES ±2°	TERMINAL SRTIP		DOUBLE SURFACE MOUNT		TSM-1XX-XX-XXX-XX-XX-XXX-XX		SHEET 1 OF 3	

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

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) (USE K-500-300) (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)

TABLE 1

ROW OPTION	LEAD STYLE	BOTTOM ROW PIN #1	TOP ROW PIN #2	"C"
-DH	-01	T-156-09-X-2	T-156-20-X-2	.230 [5.84]
-DH	-02	T-156-09-X-2	T-156-20-X-2	.320 [8.13]
-DH	-03	T-156-09-X-2	T-156-20-X-2	.420 [10.67]
-DH	-04 (SEE NOTE 11)	T-156-09-X-2	T-156-20-X-2	.120 [3.05]
-MT	-01	T-156-08-X-2	T-156-20-X-2	.230 [5.84]
-MT	-02	T-156-15-X-2	T-156-20-X-2	.320 [8.13]
-MT	-03	T-156-09-X-2	T-156-20-X-2	.420 [10.67]

MISC/MKTG
TSM-1XX-XX-XXX-XX-XX-XXX-XX-MKT1MATERIAL:
INSULATOR:
LCP, UL 94 V0
COLOR: BLACK
TERMINALS:
PHOSPHOR BRONZEsamtec
520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-8733 P.O. BOX 1147
CODE 55322DATE: 7/27-95
BRATCHER 7-27-95TSM-1XX-XX-XXX-XX-XX-XXX-XX
SHEET 1 OF 3

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