

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

DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1.

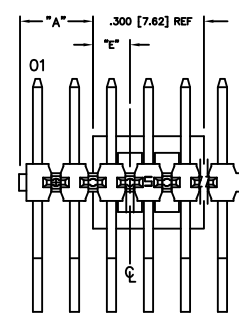


FIG 3
-P: PICK & PLACE PAD
PLACE PPP-08 ON Ⓞ AS SHOWN

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

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

No OF POS	S/S BOW
02 - 10	.030 [0.80]
11 - 20	.050 [1.27]
21 - 30	.070 [1.78]
31 - 36	.080 [2.03]

UNLESS OTHERWISE NOTED	TOLERANCES ARE	ANGLES	TITLE	DWG NO:
ONE PLACE DECIMALS ±.1 [3]	THREE PLACE DECIMALS ±.005 [0.13]	±2°	TERMINAL STRIP DOUBLE SURFACE MOUNT	TSM-1XX-XX-XXX-XX-XX-XXX-XX
TWO PLACE DECIMALS ±.01 [3]	FOUR PLACE DECIMALS ±.0020 [0.051]			SHEET 1 OF 3

TSM-1XX-XX-XXX-XX-XX-XXX-XX
 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. Ⓞ REPRESENTS A CRITICAL DIMENSION.
2. DELETED
3. DELETED
4. DELETED
5. .005 [0.13] MAX CUT FLASH.
6. .002 [0.05] 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.
15. -FR OPTIONS WILL BE SHIPPED AT THE MAX QUANTITY PER REEL, BASED ON OPTIONS SELECTED.
16. NOT ALL PARTS FOLLOW EIA-481 ORIENTATION IN THE T&R POCKET.

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-1S6-08-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
 TSM/MI

samtec

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DATE BY: BRATCHER 7-27-95

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