

DIMENSIONS ARE IN INCHES

UNLESS OTHERWISE NOTED

TOLERANCES ARE:

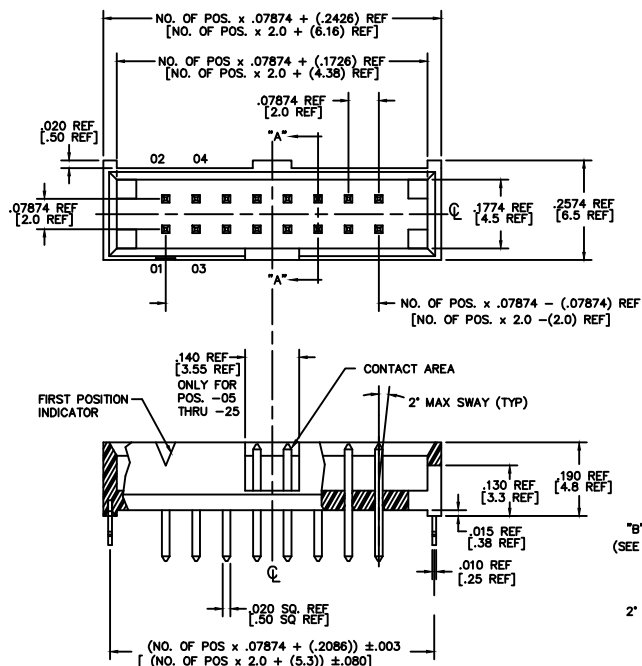
ONE PLACE DECIMALS $\pm .1$ [2.5] THREE PLACE DECIMALS $\pm .005$ [.13]
 TWO PLACE DECIMALS $\pm .01$ [.3] FOUR PLACE DECIMALS $\pm .0010$ [.025]

ANGLES
 $\pm 1^\circ$

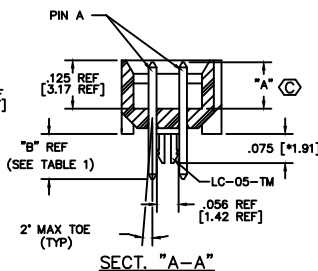
TITLE:
 2mm C.L. SHROUDED
 TERMINAL STRIP TO
 MATE WITH CABLE

DWG NO:

STMM-1XX-XX-XX-D-XX-XX
 SHEET 1 OF 3



THROUGH HOLE
 FIG. 1



STMM-1XX-XX-XX-D-XX-XX

NO. OF POSITIONS
 -02 THRU -25

TERMINAL STYLE

LEAD STYLE -01 IS STANDARD (.100 [2.54] POST HEIGHT), LEAD STYLE -02 IS FOR MATING WITH TOSD ONLY (.120 [3.05] POST HEIGHT) (SEE TABLE 1)

PLATING SPECIFICATIONS

-G: 20μ GOLD IN CONTACT AREA, 3μ GOLD ON TAIL
 -T: MATTE TIN CONTACT AND TAIL
 -S: 30μ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
 -L: 15μ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
 -F: 3μ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
 -H: 30μ GOLD IN CONTACT AREA, 3μ GOLD ON TAIL
 -SM: 30μ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
 -TM: MATTE TIN CONTACT AND TAIL
 -LM: 15μ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
 -FM: 3μ SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

CRITICAL DIMENSION INSPECTION TABLE	
ASSEMBLY OPERATION	IN-PROCESS INSPECTION
FILL (1)	C5, C6
FILL (2)	C5, C6
FILL/POLARIZE	C5, C6
RA (1)	C1
RA (2)	C2
2 PRESS	C3
*WHERE APPLICABLE	

POLARIZED OPTION
 XX = PIN NO TO BE OMITTED

OPTION

-RA: RIGHT ANGLE (SEE FIG 2 -RA & TABLE 1 SHT 1)
 -SM: SURFACE MOUNT (SEE TABLE 1 SHT 1 & TABLE 2 SHT 2)
 -LC: LOCKING CLIP (SEE NOTE 9)
 (USE LC-05-TM FOR THROUGH HOLE STYLE, SEE FIG 1, * DIMS)
 (USE LC-07-TM FOR -SM STYLE, SEE FIG 3, SHT 2 * DIMS)
 NOT AVAILABLE FOR -RA STYLE
 LEAVE BLANK FOR THROUGH HOLE (SEE FIG 1 & TABLE 1 SHT 1)
 -P: PICK AND PLACE PAD (USE PPT, SEE FIG 4 SHT 2)
 (3 POSITION MINIMUM) (NOT AVAILABLE WITH -RA OPTION)
 -M: METAL PICK AND PLACE PAD (USE MPP-07, SEE FIG 5 SHT 2)
 (-SM OPTION ONLY) (3 POSITION MINIMUM) (SEE NOTE 8)
 (NOT AVAILABLE WITH -RA OPTION)
 -TR: TAPE & REEL (SEE FIG 7 SHT 3), FOR SM OPTION ONLY.
 -K: POLYIMIDE FILM PAD (SEE FIG 6, SHT 2)
 (USE K-DOT-295-406-.005) AVAILABLE WITH -RA OPTION)
 (NOT AVAILABLE WITH -RA OPTION)

ROW SPECIFICATION

-D: DOUBLE (USE STMM-XX-D-LC)

NOTES:

- MAX PIN ROTATION IN BODY TO BE 2°.
- PUSHOUT FORCE TO BE 1 lb. MIN.
- Ⓢ REPRESENTS CRITICAL DIMS.
- DIMENSIONS IN [] ARE IN MILLIMETERS.
- FOR LOCKING CLIPS: 12 OZ. MIN RETENTION
- MEASURE AT BEND.
- ORIENTATE PINS TO REDUCE THE NUMBER OF BANDOLIER MARKS IN THE POST AREA. (SEE TABLE 4)
- M OPTION NOT RECOMMENDED WITH -T OR -TM PLATING OPTIONS FOR LEAD FREE PROCESSING.
- 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.

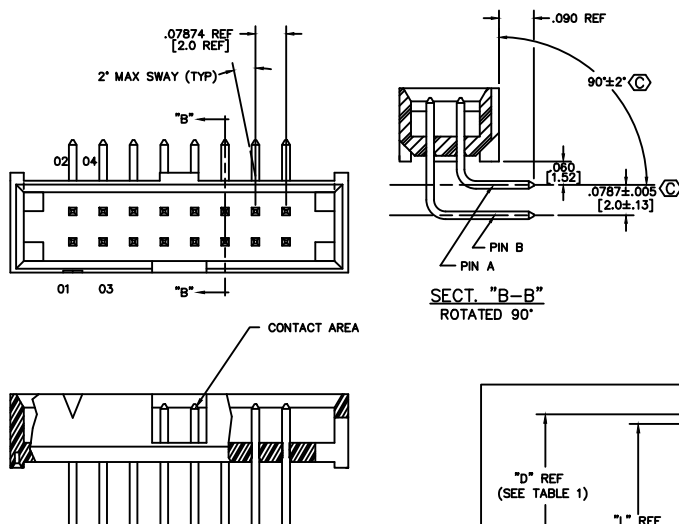


FIG. 2

-RA: RIGHT ANGLE

DIFFERENT AS SHOWN OTHERWISE SAME AS FIG. 1

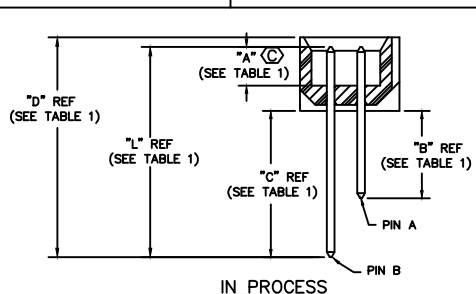
SECT. "B-B"
ROTATED 90°

TABLE 1

	LEAD STYLE	"A"	"B"	"C" REF	PIN A	"L" REF TERMINAL LENGTH	"D" REF	PIN B	"L" REF TERMINAL LENGTH	"D" REF
THROUGH HOLE (SEE FIG. 1)	-01	.100 [2.54]	.092 [2.3]	N/A	T-1S13-04-XX-2	.255 [6.48]	.280 [7.11]	N/A	.255 [6.48]	N/A
	-02	.120 [3.05]	.117 [3.0]	N/A	T-1S13-07-XX-2	.302 [7.67]	.307 [7.80]	N/A	.302 [7.67]	N/A
RIGHT ANGLE (SEE FIG. 2)	-01	.100 [2.5]	.232 [5.9]	.390 [9.9]	T-1S13-05-XX-2	.397 [10.08]	.422 [10.71]	T-1S13-06-X-2	.555 [14.10] REF	.580 [14.73]
	-02	.120 [3.0]	.228 [5.8]	.386 [9.8]	T-1S13-19-XX-2	.413 [10.49]	.438 [11.13]	T-1S13-22-X-2	.571 [1.50] REF	.576 [14.63]
SURFACE MOUNT (SEE FIG. 3)	-01	.100 [2.54]	.172 [4.4]	N/A	T-1S13-07-XX-2	.302 [7.67]	.327 [8.31]	N/A	SEE TABLE 2	N/A
	-02	.120 [3.05]	.173 [4.4]	N/A	T-1S13-20-XX-2	.323 [8.20]	.328 [8.33]	N/A	SEE TABLE 2	N/A

MATERIAL:
 BODY: LCP
 COLOR: BLACK

TERMINAL:
 PHOSPHOR BRONZE

EXISPROD\ASSEMBLY\2MM
 STMMASM
samtec

520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
 PHONE (812) 944-6733 P.O. BOX 1147
 CODE 55322

MADE BY:
 KOLB 1-28-92

STMM-1XX-XX-XX-D-XX-XX
 SHEET 1 OF 3

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