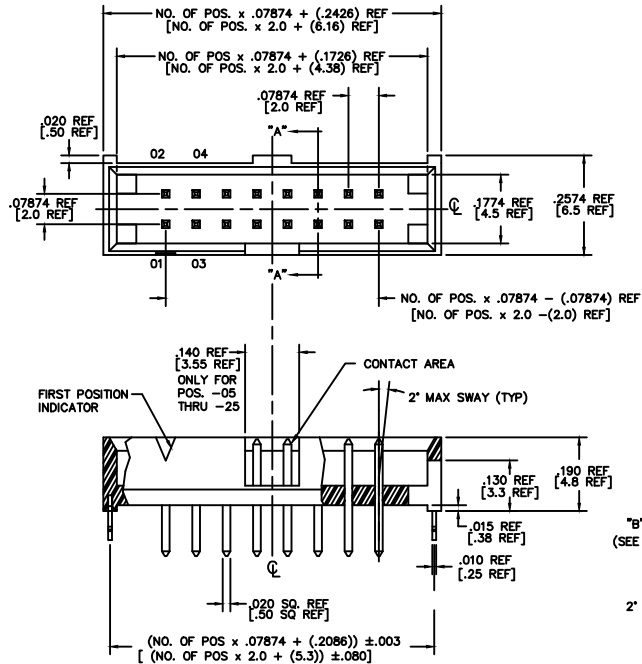


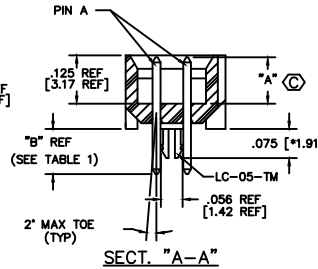
ONE PLACE DECIMALS ± .1 [2.5] THREE PLACE DECIMALS ± .005 [0.13] ANGLES ± 1°
 TWO PLACE DECIMALS ± .01 [0.3] FOUR PLACE DECIMALS ± .0010 [0.025]

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 -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)	CS,*C8
FILL (2)	CS,*C6
FILL/POLARIZE	CS,*C8
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
 -P: PICK AND PLACE PAD (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.

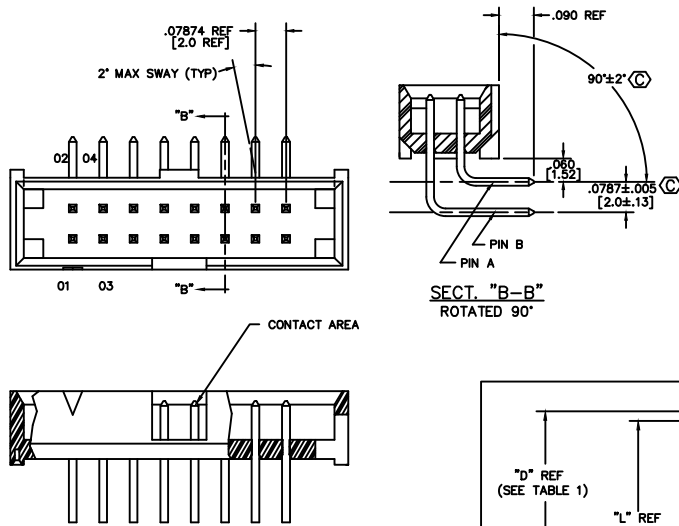
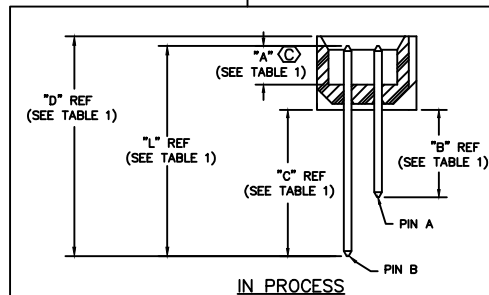


FIG. 2
 -RA: RIGHT ANGLE

DIFFERENT AS SHOWN OTHERWISE SAME AS FIG. 1

TABLE 1										
	LEAD STYLE	"A" REF	"B" REF	"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: PHOSPHER BRONZE

EXISPROD\ASSEMBLY\2MM STMMASM
samtec

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 CODE 55322

MADE BY: KOLB 1-28-92

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

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