

REV. T

DO NOT SCALE
FROM THIS PRINT.

DIMENSIONS ARE IN INCHES		TOLERANCES ARE:
ONE PLACE DECIMALS $\pm .1$ [.3]	THREE PLACE DECIMALS $\pm .005$ [.13]	ANGLES $\pm 2^\circ$
TWO PLACE DECIMALS $\pm .01$ [.3]	FOUR PLACE DECIMALS $\pm .0020$ [.051]	

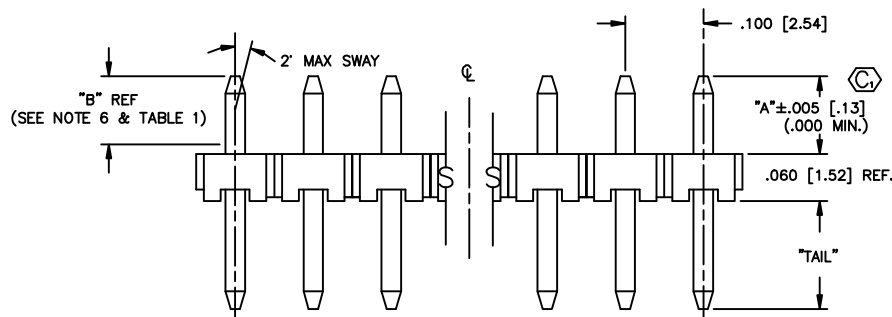
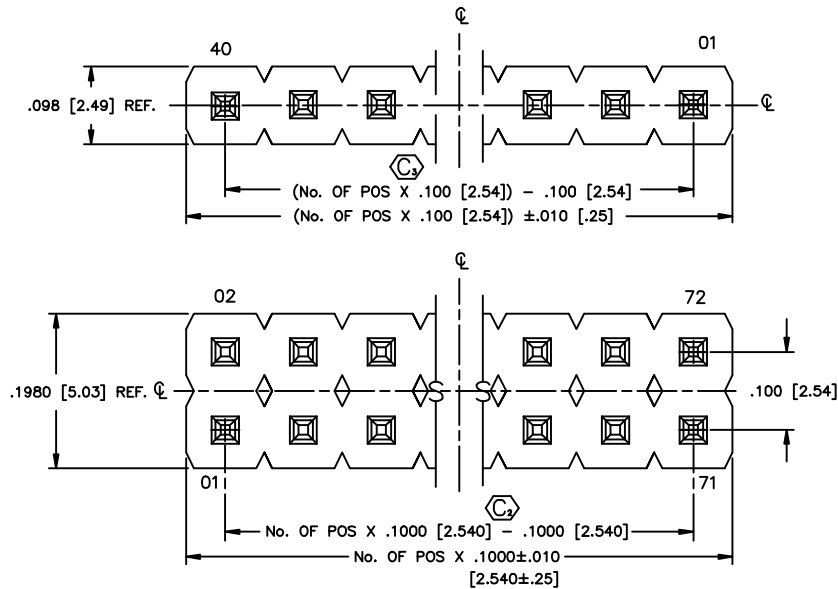
MODIFIED LOW PROFILE
TERMINAL ASSEMBLYDWG NO:
MTLW-1XX-XX-XX-X-XXX-XX-XX
SHEET 1 OF 2

TABLE 1

LEAD STYLE	TERMINAL	"L"	"A" (FOR .090 [2.29] TAIL)	"B"
-05	T-1S6-21-XX-2	.335 [8.51]	.185 [4.70]	.050 [4.19]
-06	T-1S6-18-XX-2	.300 [7.62]	.150 [3.81]	.050 [4.19]
-07	T-1S6-07-XX-2	.430 [10.92]	.280 [7.11]	.165 [4.19]
-08	T-1S6-08-XX-2	.530 [13.46]	.380 [9.65]	.165 [4.19]
-09	T-1S6-09-XX-2	.730 [18.54]	.580 [14.73]	.165 [4.19]
-10	T-1S6-10-XX-2	.830 [21.08]	.680 [17.27]	.165 [4.19]
-22	T-1S6-15-XX-2	.630 [16.00]	.480 [12.19]	.165 [4.19]
-23	T-1S6-16-XX-2	.445 [11.30]	.295 [7.49]	.165 [4.19]
-24	T-1S6-17-XX-2	.480	.330	.165

NOTES:

- 1.) MAX ALLOWABLE BOW AFTER ASSEMBLY: .005 [.13] IN/IN.
- 2.) TERMINAL PUSHOUT FORCE: 2 lbs. MIN.
- 3.) MAX PIN ROTATION IN BODY: 2°.
- 4.) Ⓢ REPRESENTS A CRITICAL DIMENSION
- 5.) MAX CUT FLASH .010 [.25].
- 6.) GOLD CONTACT AREA LOCATION FOR G, H, S, L, & F PLATINGS.
- 7.) ORIENTATE PINS TO REDUCE THE NUMBER OF BANDOLIER MARKS IN THE POST AREA. (SEE TABLE 2)

MTLW-1XX-XX-XX-X-XXX-XX-XX

No. OF POSITIONS

- 01 THRU -40 (SINGLE)
- 01 THRU -36 (DOUBLE)

LEAD STYLE

SEE TABLE 1

PLATING SPECIFICATION

PLATING SPECIFICATION

- G: GOLD, 10 Au / 50 Ni MIN ON CONTACT, 3 Au / 50 Ni MIN ON TAIL
- T: MATTE TIN CONTACT AND TAIL
- S: SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
- H: HEAVY GOLD, 30 Au / 50 Ni MIN ON CONTACT, 3 Au / 50 Ni MIN ON TAIL
- F: FLASH SELECTIVE, 3 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
- L: LIGHT SELECTIVE, 10 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
- TM: MATTE TIN CONTACT AND TAIL
- SM: SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
- LM: LIGHT SELECTIVE, 10 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
- FM: FLASH SELECTIVE, 3 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL

OPTION #2

- POLARIZING SPEC.
- XX INDICATES POS. TO BE OMITTED

OPTION #1

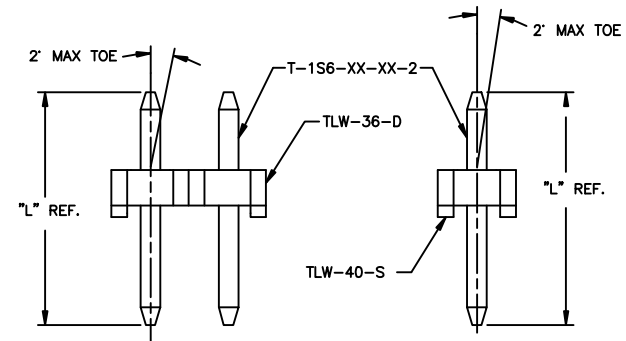
- BLANK=STRAIGHT
- LL: LOCKING LEADS (SEE FIG 1, SHT2)
- (TAIL: MIN OF .090 [2.29], MAX OF .310 [7.87])

POST HEIGHT

- XXX= (.000) MIN - (L-.060) MAX
- (SEE TABLE 1 "A" FOR .090 TAIL REF)

ROW SPECIFICATION

- S: SINGLE
- D: DOUBLE



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MATERIAL:
LCP, UL 94 V0
COLOR: BLACK

TERMINALS:
PHOSPHOR BRONZE, ALLOY
NO. 510, 3/4 HARD,
TENSILE RANGE 95-105 KSI

samtec

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CHECKED BY: MCCARTIN

ENG.
APPROVAL
DEM

SHEET 1 OF 2