

REV. T

DO NOT SCALE
FROM THIS PRINT.

DIMENSIONS ARE IN INCHES

TOLERANCES ARE:

ONE PLACE DECIMALS $\pm .1$ [.3]
TWO PLACE DECIMALS $\pm .01$ [.3]

THREE PLACE DECIMALS $\pm .005$ [.13]
FOUR PLACE DECIMALS $\pm .0020$ [.051]

ANGLES
 $\pm 2^\circ$

MODIFIED LOW PROFILE
TERMINAL ASSEMBLY

DWG NO:

MTLW-1XX-XX-XX-X-XXX-XX-XX
SHEET 1 OF 2

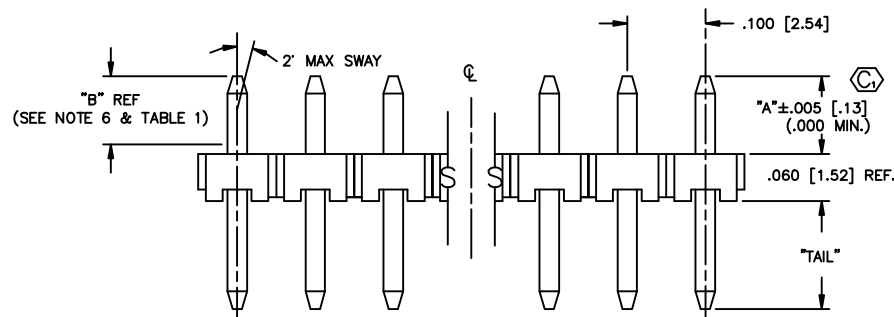
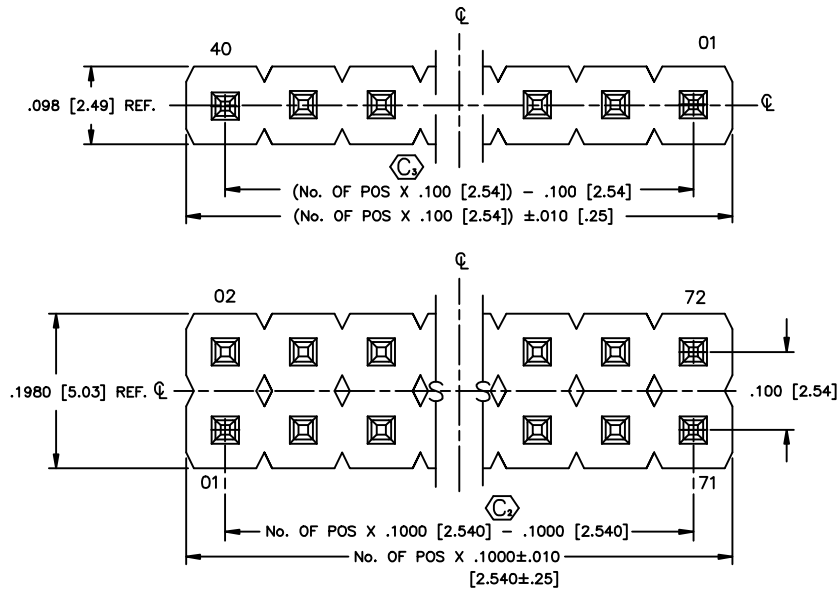


TABLE 1

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.) (C) 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

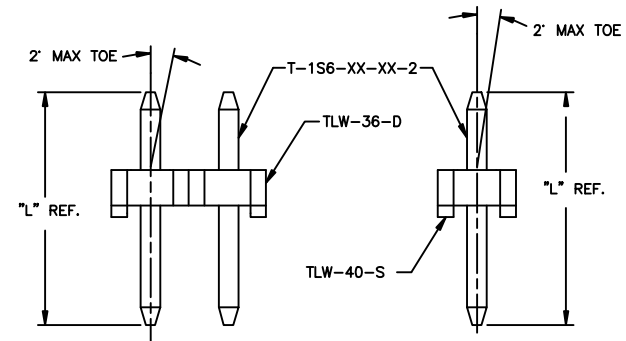
- BLANK=STRAIGHT
- LL: LOCKING LEADS (SEE FIG 1, SHT2) (TAIL: MIN OF .090 [2.29], MAX OF .310 [7.87])

POST HEIGHT

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

ROW SPECIFICATION

- S: SINGLE
- D: DOUBLE



PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC INC. AND SHALL NOT BE
REPRODUCED OR TRANSMITTED TO
OTHER DOCUMENTS OR DISCLOSED TO
OTHERS OR USED FOR ANY PURPOSE
OTHER THAN THAT FOR WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED
WRITTEN CONSENT OF SAMTEC INC.

MATERIAL:
LCP, UL 94 V0
COLOR: BLACK

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

samtec

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

MADE BY: REIDINGER 6-5-91
CHECKED BY: MCCARTIN

ENG.
APPROVAL
DEM

SHEET 1 OF 2