

DO NOT SCALE  
FROM THIS PRINT.

DIMENSIONS ARE IN INCHES

UNLESS OTHERWISE NOTED

TOLERANCES ARE:

ONE PLACE DECIMALS  $\pm .1$  [.3]THREE PLACE DECIMALS  $\pm .005$  [.13]TWO PLACE DECIMALS  $\pm .01$  [.3]FOUR PLACE DECIMALS  $\pm .0020$  [.051]

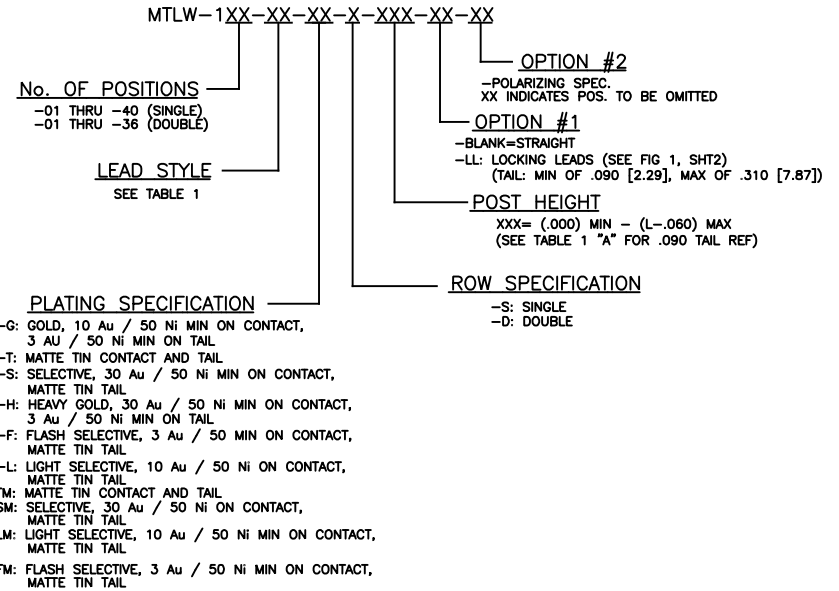
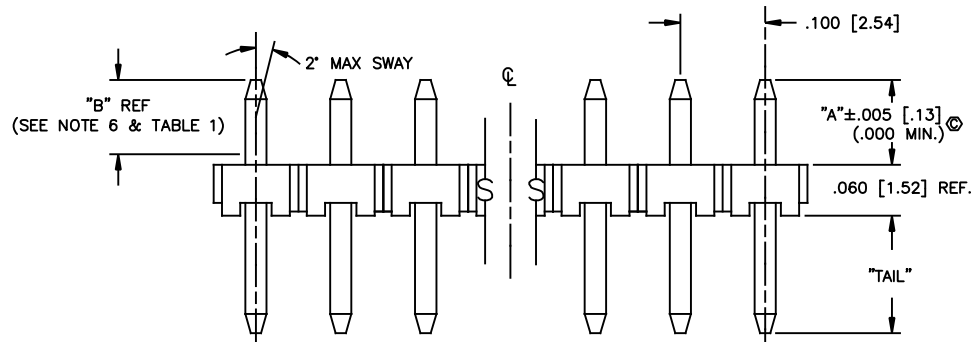
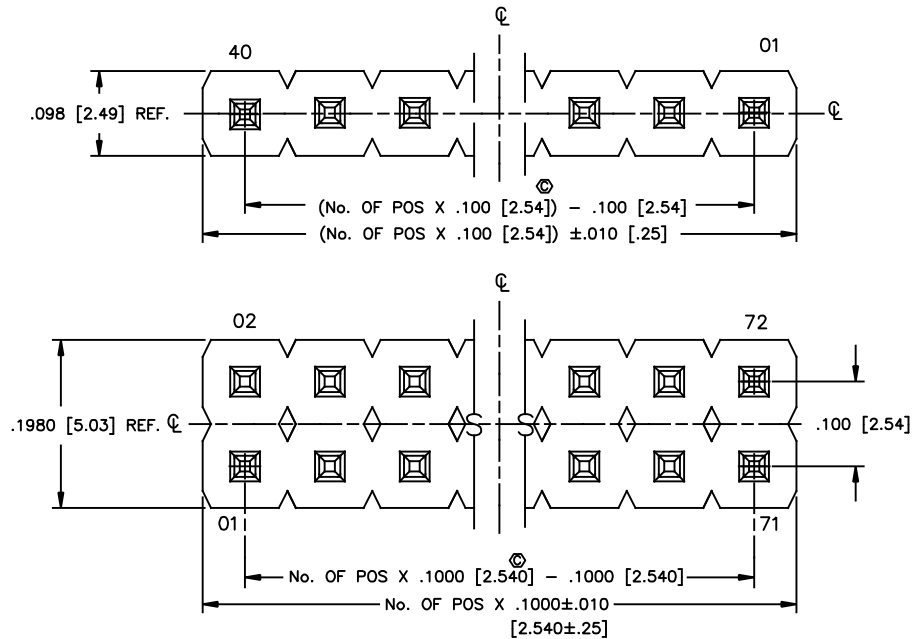
ANGLES

 $\pm 2^\circ$ TITLE:  
MODIFIED LOW PROFILE  
TERMINAL ASSEMBLY

DWG NO:

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

SHEET 1 OF 2



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

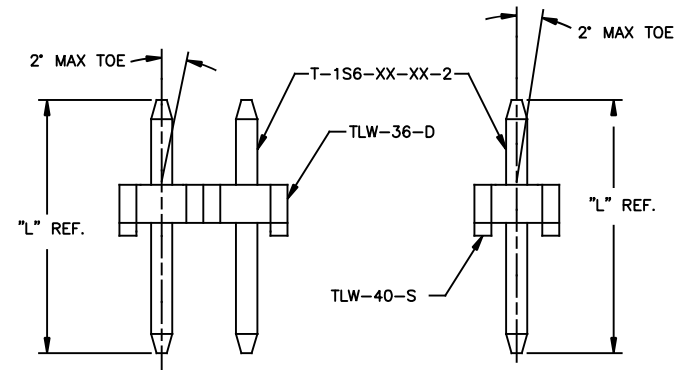
- BLANK=STRAIGHT
- LL: LOCKING LEADS (SEE FIG 1, SHT2) (TAIL: MIN OF .090 [2.29], MAX OF .310 [7.87])

POST HEIGHT

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

ROW SPECIFICATION

- S: SINGLE
- D: DOUBLE



## 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.)  $\odot$  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)

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 [1.27] |
| -06        | T-1S6-18-XX-2 | .300 [7.62]  | .150 [3.81]                | .050 [1.27] |
| -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 [12.19] | .330 [8.38]                | .165 [4.19] |

CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE

| ASSEMBLY OPERATION | IN-PROCESS INSPECTION |
|--------------------|-----------------------|
| FILL               | *C1, C5               |
| 2ND PRESS          | *C1                   |
| REPRESS            | *C1                   |
| CRIMP              | C4                    |
| MULTI CUT          | C2, C3                |
| * WHEREVER APPLIES |                       |

## MATERIAL:

LCP, UL 94 VO  
COLOR: BLACK

## TERMINALS:

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

**santec**

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

MADE BY: REIDINGER 6-5-91

END APPROVAL

CHECKED BY: MCCARTIN

DEM

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

SHEET 1 OF 2

\* PROPRIETARY NOTE \*

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