

## NOTES:

1. MAX ALLOWABLE BOW: .005 INCH/INCH.
2. HEIGHT VARIATION BETWEEN ANY TWO PINS SHALL BE .010 MAX.
3. TERMINAL PUSHOUT FORCE: 2 lbs. MIN.
4. MAX PIN ROTATION IN BODY: 2°.
5.  $\odot$  REPRESENTS A CRITICAL DIMENSION.
6. FOR -S, -G & -L PLATING, GOLD WILL BE ON CONTACT AREA.
7. TUBE POSITIONS -07 THRU -50. POSITIONS -01 THRU -06 ARE TO BE LAYER PACKAGED.
8. MAX CUT FLASH: .010
9. FOR -D, USE DWM-50-D WHEN RAN ON BOARD STACKER AUTOMATION, HTMS-50-D FOR ALL OTHER PROCESSES. FOR -S, USE HTMS-50-S.
10. FOR ADDED MECHANICAL STABILITY, SAMTEC RECOMMENDS MECHANICAL BOARD SPACERS BE USED IN APPLICATIONS WITH GOLD OR SELECTIVE GOLD PLATED CONNECTORS. CONTACT [IPG@SAMTEC.COM](mailto:IPG@SAMTEC.COM) FOR MORE INFORMATION.

| DIMENSIONS ARE IN INCHES     |                                 | TOLERANCES ARE:                 |  | ANGLES        | TITLE:                     | DWG NO:                |
|------------------------------|---------------------------------|---------------------------------|--|---------------|----------------------------|------------------------|
| ONE PLACE DECIMALS $\pm .1$  | THREE PLACE DECIMALS $\pm .005$ | FOUR PLACE DECIMALS $\pm .0020$ |  | $\pm 2^\circ$ | BOARD SPACING MICRO STRIPS | DWM-XX-XX-XX-X-XXX-XXX |
| TWO PLACE DECIMALS $\pm .01$ |                                 |                                 |  |               |                            | SHEET 1 OF 1           |

DWM-XX-XX-XX-X-XXX-XXX

BODY LENGTH SPEC  
EXPRESSED IN # POS PER ROW  
(-01 THRU -50)  
"XX" = No. OF POS x .050

LEAD STYLE  
SEE TABLE 1

OPTION  
-POLARIZING SPECIFICATION  
XXX INDICATES POS. TO BE OMITTED  
(SEE FIG. 1)

BOARD SPACE  
-XXX: BOARD SPACE  
MAX = "L" - .120

BODY SPECIFICATION  
-S: SINGLE (USE HTMS-50-S)  
-D: DOUBLE (USE HTMS-50-D)

PLATING SPECIFICATION

-G: 10 $\mu$ " GOLD IN CONTACT AREA, 10 $\mu$ " GOLD ON TAIL (SEE NOTE 6)  
-T: MATTE TIN CONTACT AND TAIL  
ONLY AVAILABLE ON LEAD STYLES -01, -51 AND -52.  
-S: 30 $\mu$ " GOLD IN CONTACT AREA, MATTE TIN ON TAILS (SEE NOTE 6)  
-TM: MATTE TIN CONTACT AND TAIL  
ONLY AVAILABLE ON LEAD STYLES -01, -51 AND -52.  
-SM: 30 $\mu$ " GOLD IN CONTACT AREA, MATTE TIN ON TAIL  
-L: 10 $\mu$ " GOLD, MATTE TIN TAIL, SPECIFY -L IN TERMINAL SUFFIX (SEE NOTE 6)

SEE NOTE 7

TABLE 1

| LEAD STYLE | TERMINAL SPEC. | 'L'           | CONTACT AREA | 'L' - .120 [3.05]<br>BOARD SPACE<br>MAX (REF) | PACKAGING (7 POS MIN). |           |                  |           |
|------------|----------------|---------------|--------------|-----------------------------------------------|------------------------|-----------|------------------|-----------|
|            |                |               |              |                                               | SINGLE ROW             |           | DOUBLE ROW       |           |
| -01        | T-1M6-18-XX-2  | .450 [11.43]  | .190 [4.83]  | REF .330 [8.38]                               | PT-1-24-01-24          | (2) TP-24 | PT-1-24-01-22    | (2) TP-03 |
| -51        | T-1M6-02-XX-2  | .410 [10.41]  | .140 [3.56]  | REF .290 [7.37]                               | PT-1-24-01-24          | (2) TP-24 | PT-1-24-01-22    | (2) TP-03 |
| -52        | T-1M6-12-XX-2  | .425 [10.80]  | .165 [4.19]  | REF .305 [7.75]                               | PT-1-24-02-03          | (2) TP-24 | PT-1-24-02-53    | (2) TP-09 |
| -53        | T-1M6-04-XX-2  | .505 [12.83]  | .190 [4.83]  | REF .385 [9.78]                               | PT-1-24-02-03          | (2) TP-24 | PT-1-24-02-46    | (2) TP-03 |
| -54        | T-1M6-14-XX-2  | .555 [17.10]  | .190 [4.83]  | REF .435 [11.05]                              | PT-1-24-02-03          | (2) TP-24 | PT-1-24-06-29    | (2) TP-03 |
| -55        | T-1M6-03-XX-2  | .610 [15.49]  | .190 [4.83]  | REF .490 [12.45]                              | PT-1-24-02-03          | (2) TP-24 | PT-1-24-04-44    | (2) TP-03 |
| -56        | T-1M6-13-XX-2  | .625 [15.88]  | .190 [4.83]  | REF .505 [12.83]                              | PT-1-24-10-03          | (2) TP-24 | PT-TW002-S-SM    | (2) TP-07 |
| -57        | T-1M6-19-XX-2  | .650 [16.51]  | .190 [4.83]  | REF .530 [13.46]                              | PT-1-24-10-03          | (2) TP-24 | PT-FW004-0X-D-EX | (2) TP-24 |
| -58        | T-1M6-05-XX-2  | .705 [17.91]  | .190 [4.83]  | REF .585 [14.86]                              | PT-1-24-10-03          | (2) TP-24 | PT-1-24-01-51    | (2) TP-13 |
| -59        | T-1M6-15-XX-2  | .755 [19.18]  | .190 [4.83]  | REF .635 [16.13]                              | PT-1-24-10-03          | (2) TP-24 | PT-FW004-0X-D-EX | (2) TP-24 |
| -60        | T-1M6-16-XX-2  | .825 [20.96]  | .190 [4.83]  | REF .705 [17.91]                              | PT-1-24-10-03          | (2) TP-24 | PT-1-24-01-71    | (2) TP-03 |
| -61        | T-1M6-28-XX-2  | 1.050 [26.67] | .190 [4.83]  | REF .930 [23.62]                              | PT-1-24-02-04          | (2) TP-33 | PT-1-24-08-03    | (2) TP-03 |

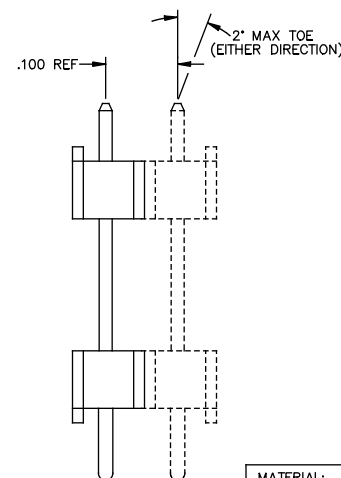
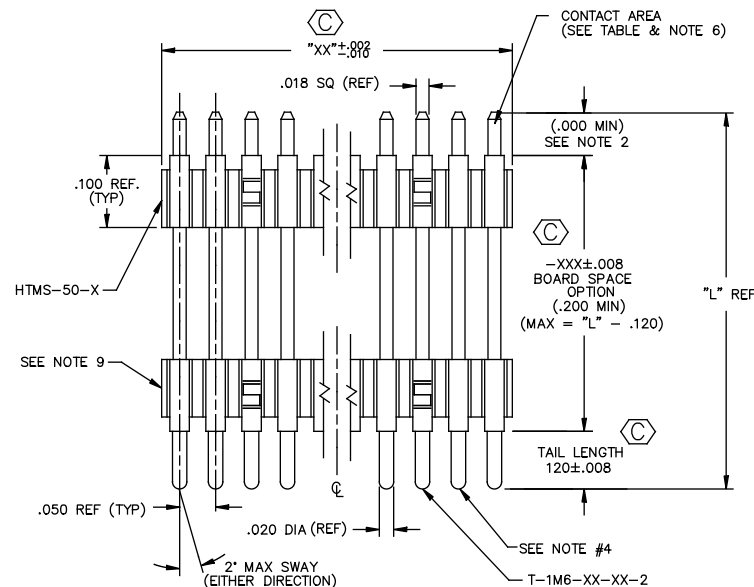
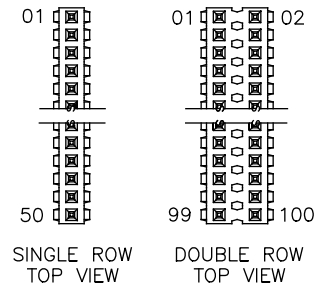


FIG. 1



MATERIAL:  
INSULATOR:  
BLACK LIQUID CRYSTAL POLYMER  
UL 94V-0  
TERMINAL:  
PHOSPHOR BRONZE

**samtec**

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

MADE BY: GREG REIDINGER 5-9-91  
CHECKED BY: McCARTIN  
DWM-XX-XX-XX-X-XXX-XXX  
SHEET 1 OF 1

\* PROPRIETARY NOTE \*

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[DWM-22-52-S-D-305](#) [DWM-01-52-S-S-200](#) [DWM-07-61-G-D-450](#) [DWM-08-61-G-D-750](#) [DWM-10-61-G-D-450](#)  
[DWM-01-60-G-S-590](#) [DWM-25-56-G-D-305](#) [DWM-36-55-S-D-365](#) [DWM-10-58-G-S-338](#) [DWM-02-61-G-S-810](#) [DWM-](#)  
[02-61-G-S-750](#)