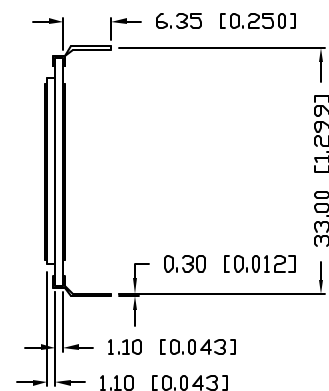
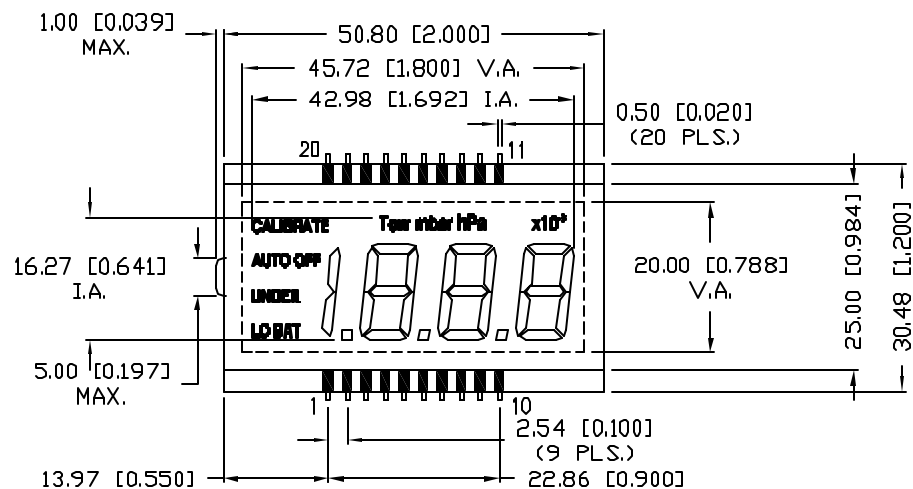


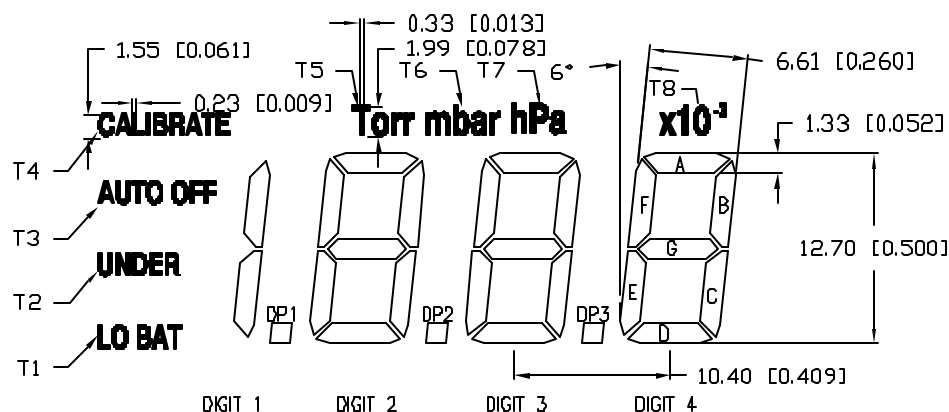
| REV. | E.C.N. NUMBER AND REVISION COMMENTS | DATE     |
|------|-------------------------------------|----------|
| A    | E.C.N. #11148.                      | 02.07.07 |



## NOTE:

1. TEXT HEIGHT T1~T4: 1.55mm
2. TEXT HEIGHT T5~T8: 1.99mm

## DIGIT DETAIL



| CHARACTERISTICS    |                    |
|--------------------|--------------------|
| FLUID TYPE:        | TN                 |
| BACKGROUND COLOR:  | GRAY               |
| VIEWING DIRECTION: | 6:00               |
| DISPLAY MODE:      | REFLECTIVE         |
| OPERATING VOLTAGE: | 2.8 VAC            |
| OPERATING TEMP.    | 0°C TO 50°C        |
| STORAGE TEMP.      | -20°C TO 70°C      |
| DRIVING METHODE:   | 1/2 DUTY, 1/2 BIAS |
| CONNECTION TYPE:   | 20 PINS            |

| PIN NO. | 1   | 2   | 3  | 4  | 5   | 6  | 7  | 8  | 9    | 10   |
|---------|-----|-----|----|----|-----|----|----|----|------|------|
| COM1    | DP1 | 2E  | 2D | 2C | 3E  | 3D | 3C | 4E | 4D   | 4C   |
| COM2    | 1BC | 2F  | 2G | 2B | 3F  | 3G | 3B | 4F | 4G   | 4B   |
| PIN NO. | 11  | 12  | 13 | 14 | 15  | 16 | 17 | 18 | 19   | 20   |
| COM1    | T8  | DP3 | /  | /  | DP2 | T5 | T4 | T1 | /    | COM1 |
| COM2    | 4A  | 3A  | T7 | T6 | 2A  | /  | T3 | T2 | COM2 | /    |

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN.=+0.00 PRECISION MAX.=+0.00 PRECISION

REV.  
APART NUMBER  
LCD-S3X1M51TR

3 1/2 DIGIT CUSTOM LCD PANEL, TN, REFLECTIVE,  
1/2 DUTY, 1/2 BIAS, 6:00 VIEW, 20 PINS, 2.8V.

**CONFIDENTIAL INFORMATION**  
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

**RELIABILITY NOTE**  
OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



290 E. HELEN ROAD  
PALATINE, IL 60067-6976  
PHONE: +1.847.359.2790  
US WEB: www.lumex.com  
TW WEB: www.lumex.com.tw

|           |             |              |              |
|-----------|-------------|--------------|--------------|
| DRAWN BY: | CHECKED BY: | APPROVED BY: | DATE:        |
| JC        |             |              | 3.9.05       |
|           |             |              | PAGE: 1 OF 1 |
|           |             |              | SCALE: N/A   |

# Mouser Electronics

Authorized Distributor

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

Lumex:

[LCD-S3X1M51TR](#)