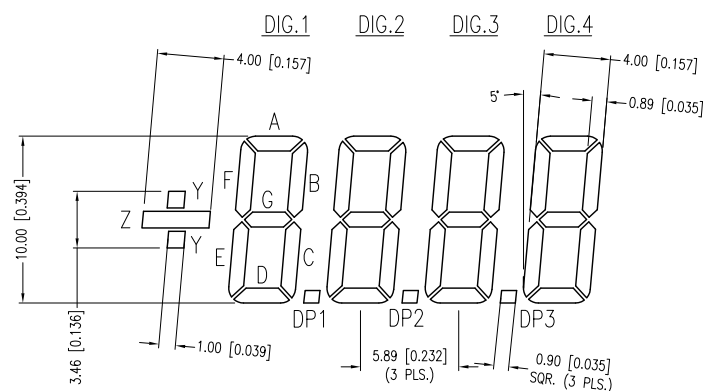
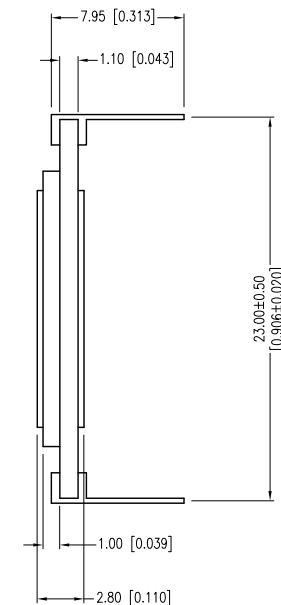
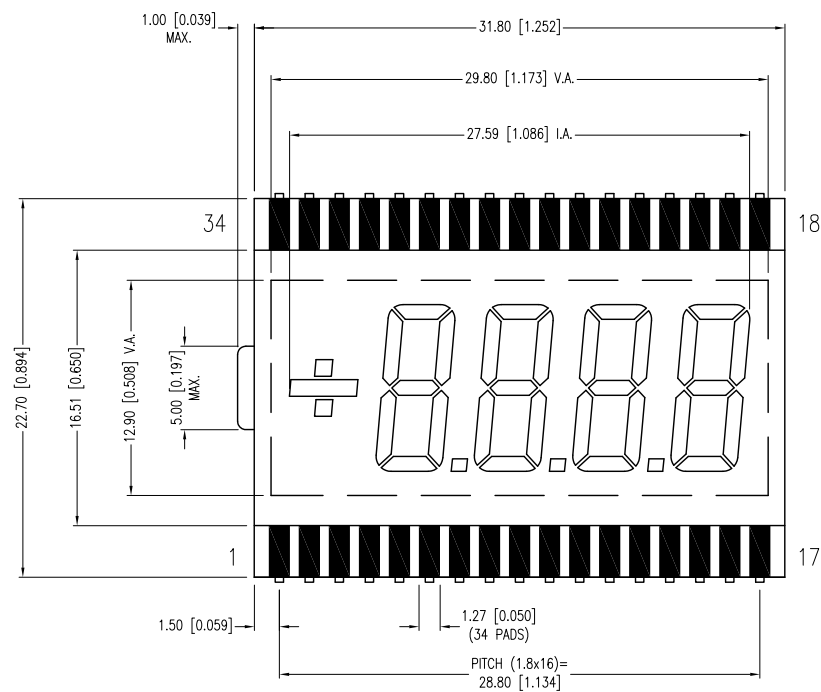


| PART NUMBER | LCD-H401M39TF-1                     | REV. | C    |
|-------------|-------------------------------------|------|------|
| DATE        | E.C.N. NUMBER AND REVISION COMMENTS |      | REV. |
| 05.09.00    | E.C.N. #10620.                      |      | A    |
| 02.07.07    | E.C.N. #11148.                      |      | B    |
| 01.16.13    | E.C.N. #10BRDR. & REDRAWN.          |      | C    |

[A]



| PIN NO. | 1   | 2   | 3  | 4  | 5  | 6   | 7   | 8  | 9  |
|---------|-----|-----|----|----|----|-----|-----|----|----|
| SEGMENT | COM | Z   | Y  | 1E | 1D | 1C  | DP1 | 2E | 2D |
| PIN NO. | 10  | 11  | 12 | 13 | 14 | 15  | 16  | 17 | 18 |
| SEGMENT | 2C  | DP2 | 3E | 3D | 3C | DP3 | 4E  | 4D | 4C |
| PIN NO. | 19  | 20  | 21 | 22 | 23 | 24  | 25  | 26 | 27 |
| SEGMENT | 4B  | 4A  | 4F | 4G | 3B | 3A  | 3F  | 3G | 2B |
| PIN NO. | 28  | 29  | 30 | 31 | 32 | 33  | 34  |    |    |
| SEGMENT | 2A  | 2F  | 2G | 1B | 1A | 1F  | 1G  |    |    |

| CHARACTERISTICS   |                         |
|-------------------|-------------------------|
| FLUID TYPE        | TN                      |
| BACKGROUND COLOR  | GRAY                    |
| VIEWING DIRECTION | 12:00                   |
| DISPLAY MODE      | TRANSFLECTIVE           |
| OPERATING VOLTAGE | 3.15V p-p sqr. wave     |
| OPERATING TEMP.   | -30°C TO 80°C           |
| STORAGE TEMP.     | -40°C TO 85°C           |
| DRIVING METHOD    | STATIC                  |
| FREQUENCY         | 32 Hz - 110 Hz          |
| RESPONSE TIME     | 100ms @25°C, 600ms @0°C |
| CONNECTION TYPE   | 34 PINS                 |

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

UNCONTROLLED DOCUMENT

0.39" CHARACTER HEIGHT, 4 DIG CUSTOM LCD PANEL, TN, TRANSFLECTIVE, 12:00 VIEW, EXTENDED OPERATING TEMP.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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