

## Excellent Integrated System Limited

Stocking Distributor

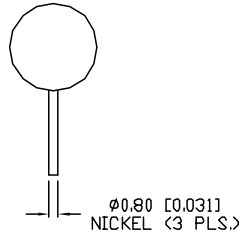
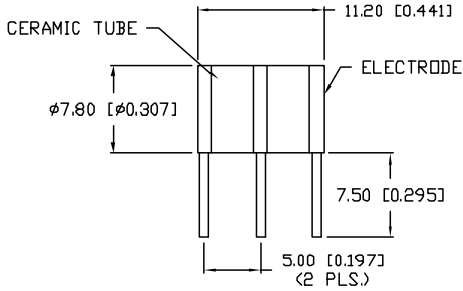
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Lumex, Inc.](#)  
[GT-CM3350L](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

UNCONTROLLED DOCUMENT

|             |                                     |         |
|-------------|-------------------------------------|---------|
| PART NUMBER |                                     | REV.    |
| GT-CM3350L  |                                     | B       |
| REV.        | E.C.N. NUMBER AND REVISION COMMENTS | DATE    |
| A           | E.C.N. #10BRDR. & REDRAWN.          | 3-28-00 |
| B           | E.C.N. #10BRDR. & 10912.            | 9.23.02 |



ELECTRICAL SPECIFICATIONS

| PARAMETER                    | VALUE                   | TEST CONDITION   |
|------------------------------|-------------------------|------------------|
| D.C. FIRING VOLTAGE:         | 350V±20% D.C.           | (dv/dt 100V/S)   |
| IMPULSE FIRING VOLTAGE:      | 600V D.C. MAX.          | (dv/dt 100V/μS)  |
| IMPULSE CURRENT:             | 10KA MAX.               | (8/20μS)         |
| D.C. HOLDOVER VOLTAGE:       | 150V D.C. MAX.          | (10/1000uS 500A) |
| A.C. DISCHARGE CURRENT:      | 65A                     | (50Hz, 9 CYCLES) |
| INSULATION RESISTANCE:       | 10 <sup>4</sup> MΩ MIN. | (50 OR 100VDC)   |
| INTER-ELECTRODE CAPACITANCE: | 2.0 PF MAX.             | 1.0KHz           |

ENVIRONMENTAL SPECIFICATIONS PER MIL-STD 202

| TEST                 | METHODE | CONDITION | RATING           |
|----------------------|---------|-----------|------------------|
| VIBRATION TESTING:   | 204B    | C         | 10-55HZ., 0.060A |
| SHOCK:               | 213A    | C         | 100G             |
| HUMIDITY:            | 103B    | B         | 95%RH HUMIDITY   |
| TEMPERATURE CYCLING: | 102A    | C         | -65 TO +125 °C   |
| BAROMETRIC PRESSURE: | 105C    | B         | 50,000FT.        |
| THERMAL SHOCK:       | 107     | B         | -65 TO +125 °C   |
| SOLDERABILITY:       | 20B     | B         |                  |

RESPONSE TIME

| SURGE TYPE | (RI MAX.)                 |
|------------|---------------------------|
| 1Kv/mS     | 1 x 10 <sup>-5</sup> sec. |
| 1Kv/μS     | 1 x 10 <sup>-8</sup> sec. |
| 5Kv/μS     | 1 x 10 <sup>-8</sup> sec. |

\*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=±0.06 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.=<sup>+DECIMAL PRECISION</sup><sub>-0.00</sub> MAX.=<sup>+0.00</sup><sub>-DECIMAL PRECISION</sub>

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|                                       |                           |   |   |
|---------------------------------------|---------------------------|---|---|
| REV.<br>B                             | PART NUMBER<br>GT-CM3350L | <p><b>CONFIDENTIAL INFORMATION</b><br/>         THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIALLY 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.</p> <p><b>RELIABILITY NOTE</b><br/>         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.</p> | <p><b>LUMEX</b><br/> <small>20 Years of Excellence in Micro Chip Tech.</small></p> <p>290 E. HELEN ROAD<br/>         PALATINE, IL 60067-6976<br/>         PHONE: +1.847.359.2790<br/>         US WEB: www.lumex.com<br/>         TW WEB: www.lumex.com.tw</p> |
| CERAMIC ARRESTOR, 3 LEADED (350 VDC). |                           | DRAWN BY: SK<br>CHECKED BY:<br>APPROVED BY:<br>DATE: 8.5.93<br>PAGE: 1 OF 1<br>SCALE: N/A   |   |