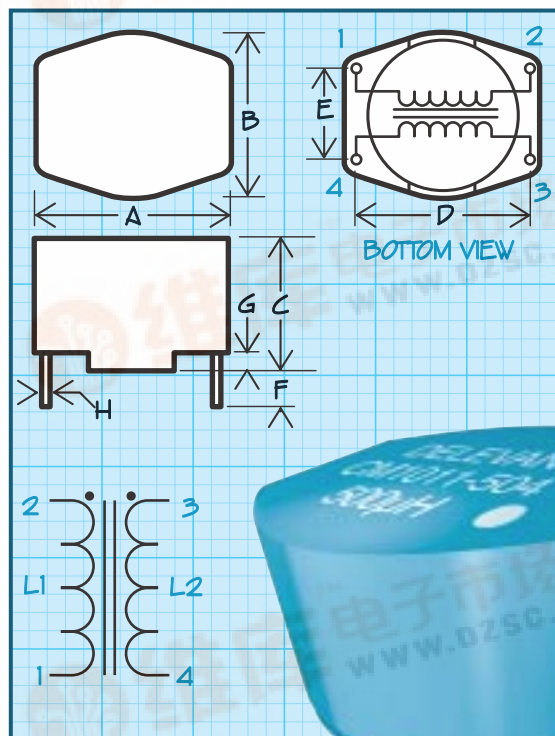


## Series CM1011 Horizontal PC Mount Epoxy Potted Common Mode Chokes



### Physical Parameters

|   | Inches            | Millimeters      |
|---|-------------------|------------------|
| A | 1.10 ± 0.03       | 27.9 ± 0.76      |
| B | 1.10 ± 0.03       | 27.9 ± 0.76      |
| C | 0.70 ± 0.03       | 17.8 ± 0.76      |
| D | 1.00 ± 0.03       | 25.4 ± 0.76      |
| E | 0.600 ± 0.03      | 15.2 ± 0.76      |
| F | 0.200 Min.        | 5.08 Min.        |
| G | 0.750 (Ref. Only) | 19.1 (Ref. Only) |
| H | 0.032 ± 0.004     | 0.81 ± 0.10      |

**Operating Temperature Range** -55°C to +125°C

**Current Rating at 85°C Ambient** 40°C Rise

**Mechanical Configuration** Epoxy potted winding assembly. Case is high-temperature DAP.

### Notes

- 1) Inductance in table is for either L1 or L2.
- 2) Leakage Inductance tested at L1 with L2 shorted or at L2 with L1 shorted.
- 3) Windings balanced within 2%

**Packaging** Bulk only

| PART NUMBER | L (μH), L1 or L2<br>@ 1 KHz | DC RESISTANCE<br>MAXIMUM (Ohms) | CURRENT RATING<br>MAXIMUM (Amps) | LEAKAGE<br>INDUCTANCE<br>MAXIMUM (μH) |
|-------------|-----------------------------|---------------------------------|----------------------------------|---------------------------------------|
| CM1011-104  | 100                         | 0.004                           | 12                               | 6                                     |
| CM1011-254  | 250                         | 0.006                           | 10                               | 9                                     |
| CM1011-504  | 500                         | 0.008                           | 8.6                              | 12                                    |
| CM1011-754  | 750                         | 0.013                           | 6.7                              | 15                                    |
| CM1011-105  | 1000                        | 0.018                           | 5.7                              | 19                                    |
| CM1011-175  | 1700                        | 0.060                           | 3.1                              | 26                                    |
| CM1011-255  | 2500                        | 0.073                           | 2.8                              | 32                                    |
| CM1011-335  | 3300                        | 0.125                           | 2.2                              | 51                                    |
| CM1011-505  | 5000                        | 0.150                           | 2.0                              | 72                                    |
| CM1011-755  | 7500                        | 0.300                           | 1.4                              | 94                                    |
| CM1011-106  | 10000                       | 0.390                           | 1.2                              | 103                                   |