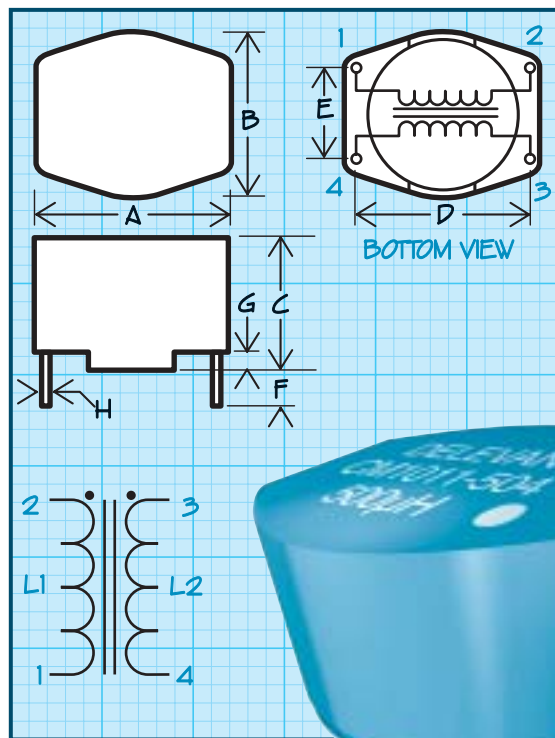


# Series CM1011 Horizontal PC Mount

## 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 @ 1 KHz | DC RESISTANCE MAXIMUM (Ohms) | CURRENT RATING MAXIMUM (Amps) | LEAKAGE INDUCTANCE 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                             |