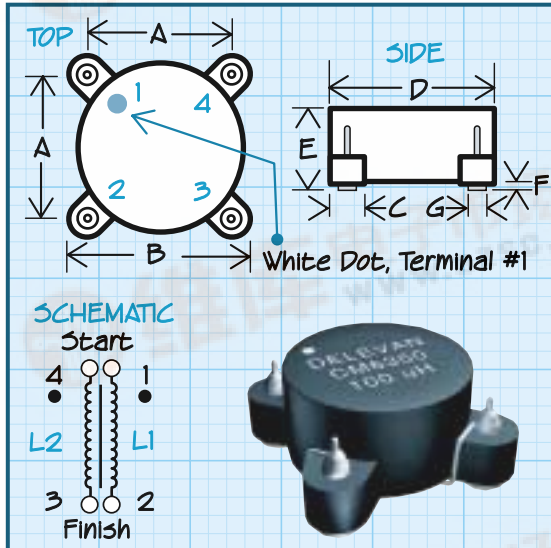


## Series CM6350 Surface Mount Common Mode Choke



**Mechanical Configuration** A flat top surface mount case with excellent coplanarity of terminals.

### Physical Parameters

|   | Inches            | Millimeters      |
|---|-------------------|------------------|
| A | 0.285 ± 0.010     | 7.24 ± 0.25      |
| B | 0.360 ± 0.010     | 9.14 ± 0.25      |
| C | 0.060 ± 0.010     | 1.52 ± 0.25      |
| D | 0.350 ± 0.010     | 8.90 ± 0.25      |
| E | 0.200 ± 0.010     | 5.08 ± 0.25      |
| F | 0.025 ± 0.010     | 0.64 ± 0.25      |
| G | 0.040 (Ref. only) | 1.02 (Ref. only) |

### Electrical Configuration

- 1) Inductance and DCR 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%
- 4) Inductance tested @ 10 kHz

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

**Electrical Characteristics** Measured at +25°C

**Rated RMS Current** Based upon 40°C temperature rise from 25°C ambient

**Maximum Power Dissipation at 25°C** 0.400 Watts

**Inductance Tolerance** Units are supplied to the tolerance indicated in the tables @ 10 KHz

**Marking** Parts are printed with Delevan, Inductance Value, and white dot at terminal #1.

**Packaging** Tape & reel (24mm):

13" reel, 600 pieces max.; 7" reel not available

| PART NUMBER | L1 or L2 INDUCTANCE<br>±25% (μH) | DCR (Ohms) Max. | RATED RMS CURRENT<br>(Amps) Max | LEAKAGE INDUCTANCE<br>(μH) Typical |
|-------------|----------------------------------|-----------------|---------------------------------|------------------------------------|
|-------------|----------------------------------|-----------------|---------------------------------|------------------------------------|

| FERRITE CORE |      |       |      |       |
|--------------|------|-------|------|-------|
| CM6350-333   | 33   | 0.007 | 5.50 | 0.20  |
| CM6350-473   | 47   | 0.008 | 5.00 | 0.30  |
| CM6350-683   | 68   | 0.010 | 4.20 | 0.42  |
| CM6350-104   | 100  | 0.014 | 3.30 | 0.55  |
| CM6350-154   | 150  | 0.020 | 2.70 | 0.85  |
| CM6350-224   | 220  | 0.027 | 2.20 | 1.20  |
| CM6350-334   | 330  | 0.040 | 1.80 | 1.80  |
| CM6350-474   | 470  | 0.060 | 1.50 | 1.60  |
| CM6350-684   | 680  | 0.090 | 1.20 | 2.10  |
| CM6350-105   | 1000 | 0.130 | 0.90 | 2.80  |
| CM6350-155   | 1500 | 0.190 | 0.75 | 4.20  |
| CM6350-225   | 2200 | 0.300 | 0.60 | 6.00  |
| CM6350-335   | 3300 | 0.550 | 0.40 | 9.00  |
| CM6350-475   | 4700 | 1.050 | 0.25 | 13.00 |

### LAND PATTERN DIMENSIONS

