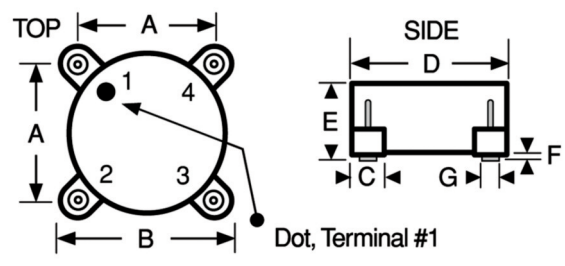


# SERIES

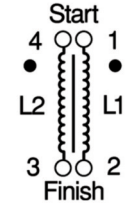
**CM6350R**  
**CM6350**



## Surface Mount Common Mode Choke



### SCHEMATIC



Actual Size

**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 +105°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

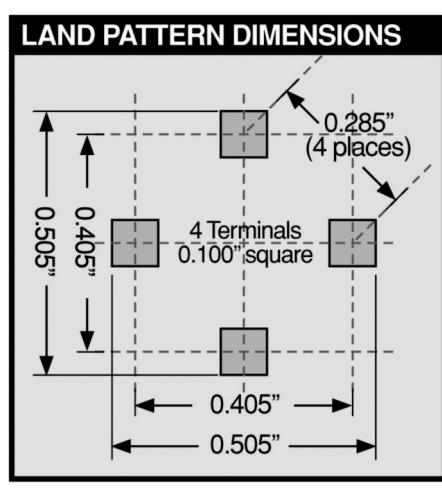
**Dielectric Withstanding Voltage**

500 V RMS, 60Hz

| DASH NUMBER*               | L1 or L2 INDUCTANCE<br>+35% / -25% (μH) | DC RESISTANCE<br>MAXIMUM (OHMS) | RATED RMS CURRENT<br>(AMPS) MAXIMUM | LEAKAGE INDUCTANCE<br>TYPICAL (μH) |
|----------------------------|-----------------------------------------|---------------------------------|-------------------------------------|------------------------------------|
| SERIES CM6350 FERRITE CORE |                                         |                                 |                                     |                                    |
| -333                       | 33                                      | 0.007                           | 5.50                                | 0.20                               |
| -473                       | 47                                      | 0.008                           | 5.00                                | 0.30                               |
| -683                       | 68                                      | 0.010                           | 4.20                                | 0.42                               |
| -104                       | 100                                     | 0.014                           | 3.30                                | 0.55                               |
| -154                       | 150                                     | 0.020                           | 2.70                                | 0.85                               |
| -224                       | 220                                     | 0.027                           | 2.20                                | 1.20                               |
| -334                       | 330                                     | 0.040                           | 1.80                                | 1.80                               |
| -474                       | 470                                     | 0.060                           | 1.50                                | 1.60                               |
| -684                       | 680                                     | 0.090                           | 1.20                                | 2.10                               |
| -105                       | 1000                                    | 0.130                           | 0.90                                | 2.80                               |
| -155                       | 1500                                    | 0.190                           | 0.75                                | 4.20                               |
| -225                       | 2200                                    | 0.300                           | 0.60                                | 6.00                               |
| -335                       | 3300                                    | 0.550                           | 0.40                                | 9.00                               |
| -475                       | 4700                                    | 1.050                           | 0.25                                | 13.00                              |

\*Complete part # must include series # PLUS the dash #

For surface finish information, refer to [www.delevanfinishes.com](http://www.delevanfinishes.com)



**Marking** DELEVAN; CM6350, inductance with units. Note: An R after CM6350 indicates a RoHS component. A white dot indicates the location of pin 1.

Example: CM6350-333  
DELEVAN  
CM6350  
33 uH

**Packaging** Tape & reel (24mm):  
13" reel, 600 pieces max.; 7" reel not available

**Weight (Grams)** 1.0 (Ref.)