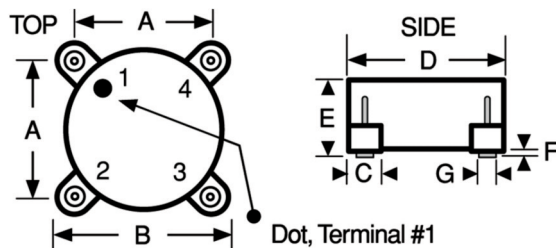
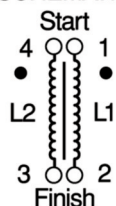


**SERIES****CM6560R**  
**CM6560****Surface Mount  
Common Mode Choke****SCHEMATIC**

Actual Size

**Mechanical Configuration**

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

**Physical Parameters**

|   | Inches            | Millimeters      |
|---|-------------------|------------------|
| A | 0.495 ± 0.010     | 12.6 ± 0.25      |
| B | 0.630 ± 0.010     | 16.0 ± 0.25      |
| C | 0.150 ± 0.010     | 3.81 ± 0.25      |
| D | 0.620 ± 0.010     | 15.8 ± 0.25      |
| E | 0.310 ± 0.010     | 7.88 ± 0.25      |
| F | 0.030 ± 0.010     | 0.76 ± 0.25      |
| G | 0.070 (Ref. only) | 1.78 (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** 0.725 Watts

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

**Dielectric Withstanding Voltage**

500 V RMS, 60Hz

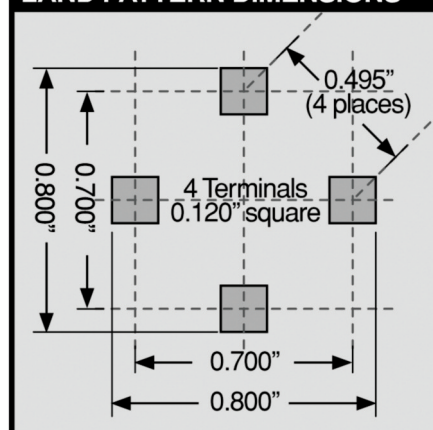
DASH NUMBER\*  
L1 or L2 INDUCTANCE  
+35% / -25% (μH)  
DC RESISTANCE  
MAXIMUM (OHMS)  
RATED RMS CURRENT  
(AMPS) MAXIMUM  
LEAKAGE INDUCTANCE  
TYPICAL (μH)

**SERIES CM6560 FERRITE CORE**

|      |       |       |      |      |
|------|-------|-------|------|------|
| -104 | 100   | 0.005 | 8.50 | 0.9  |
| -184 | 180   | 0.007 | 7.00 | 1.2  |
| -334 | 330   | 0.015 | 4.80 | 2.7  |
| -504 | 500   | 0.023 | 3.60 | 4.5  |
| -754 | 750   | 0.034 | 3.00 | 6.8  |
| -105 | 1000  | 0.047 | 2.40 | 8.6  |
| -185 | 1800  | 0.080 | 1.90 | 13.0 |
| -225 | 2200  | 0.105 | 1.50 | 19.0 |
| -335 | 3300  | 0.160 | 1.20 | 18.0 |
| -505 | 5000  | 0.240 | 0.95 | 26.0 |
| -755 | 7500  | 0.360 | 0.75 | 35.0 |
| -106 | 10000 | 0.530 | 0.55 | 45.0 |
| -126 | 12000 | 0.730 | 0.45 | 55.0 |
| -156 | 15000 | 1.100 | 0.35 | 68.0 |

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

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

**LAND PATTERN DIMENSIONS**

**Marking** DELEVAN; CM6560, inductance with units. Note: An R after CM6560 indicates a RoHS component. A white dot indicates the location of pin 1.

Example: CM6560R-104

DELEVAN

CM6560R

100 μH.

**Packaging** Tape & reel (24mm): 13" reel, 350 pieces max.; 7" reel not available

**Weight (Grams)** 4.0 (Ref.)