

# SERIES

## CM6460R CM6460



### Surface Mount Common Mode Choke

DASH NUMBER\*

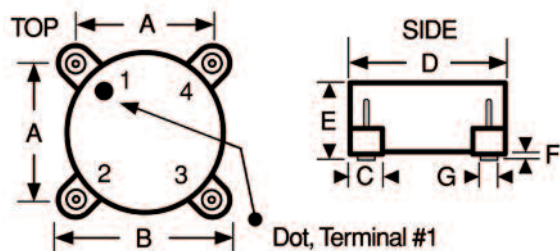
L1 or L2 INDUCTANCE  
+35% / -25% (µH)

DC RESISTANCE  
MAXIMUM (OHMS)

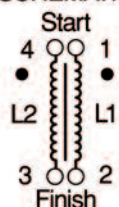
RATED RMS CURRENT  
(AMPS) MAXIMUM

LEAKAGE INDUCTANCE  
TYPICAL (µH)

Suppressors



#### SCHEMATIC



Actual Size

#### SERIES CM6460 FERRITE CORE

|      |       |       |      |      |
|------|-------|-------|------|------|
| -104 | 100   | 0.006 | 7.00 | 0.7  |
| -154 | 150   | 0.010 | 5.50 | 1.0  |
| -224 | 220   | 0.012 | 5.00 | 1.4  |
| -334 | 330   | 0.017 | 4.00 | 1.8  |
| -504 | 500   | 0.024 | 3.30 | 2.2  |
| -754 | 750   | 0.035 | 2.70 | 3.0  |
| -105 | 1000  | 0.049 | 2.20 | 4.0  |
| -125 | 1200  | 0.068 | 1.70 | 5.0  |
| -185 | 1800  | 0.106 | 1.40 | 5.5  |
| -225 | 2200  | 0.150 | 1.10 | 7.0  |
| -335 | 3300  | 0.210 | 0.85 | 9.5  |
| -505 | 5000  | 0.320 | 0.70 | 14.0 |
| -755 | 7500  | 0.640 | 0.44 | 22.0 |
| -106 | 10000 | 0.900 | 0.33 | 29.0 |

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

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

#### Physical Parameters

|   | Inches            | Millimeters      |
|---|-------------------|------------------|
| A | 0.400 ± 0.010     | 10.16 ± 0.25     |
| B | 0.530 ± 0.010     | 13.46 ± 0.25     |
| C | 0.125 ± 0.010     | 3.17 ± 0.25      |
| D | 0.490 ± 0.010     | 12.44 ± 0.25     |
| E | 0.290 ± 0.010     | 7.37 ± 0.25      |
| F | 0.030 ± 0.010     | 0.76 ± 0.25      |
| G | 0.060 (Ref. only) | 1.52 (Ref. only) |

#### Electrical Configuration

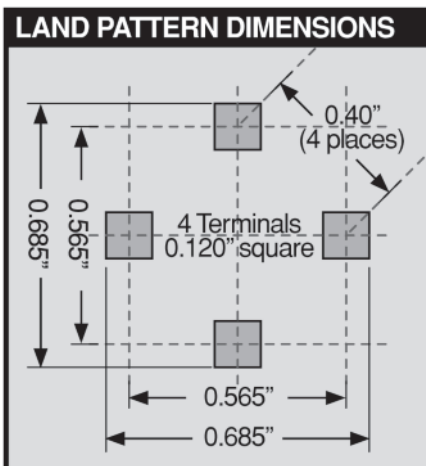
- 1) Inductance and DCR in table is for either L1 or L2.
- 2) Leakage Inductance tested at L1 with L2 shorted or at L2 with L1 shorted.
- 3) Windings balanced within 2%
- 4) Inductance tested @ 10 kHz

**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** 0.605 Watts



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

#### Dielectric Withstanding Voltage

500 V RMS, 60Hz

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

#### Packaging

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

Bulk option available

**Weight (Grams)** 2.5 (Ref.)