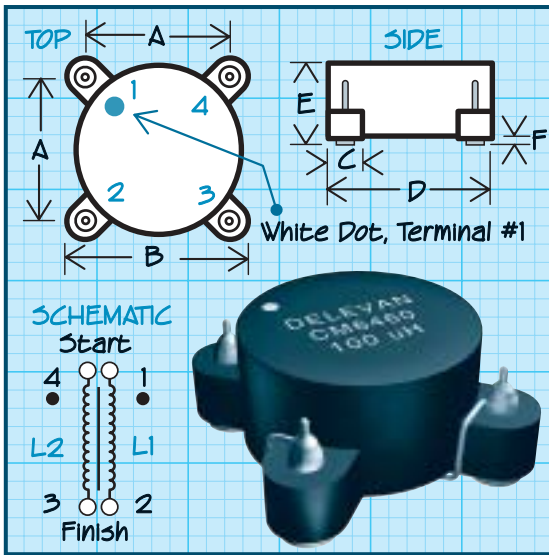


Series CM6460 Surface Mount Common Mode Choke



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 |

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

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

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

| PART NUMBER | L1 or L2 INDUCTANCE ±25% (µH) | DCR (Ohms) Max. | RATED RMS CURRENT (Amps) Max | LEAKAGE INDUCTANCE (µH) Typical |
|---------------------|----------------------------------|-----------------|---------------------------------|------------------------------------|
| FERRITE CORE | | | | |
| CM6460-104 | 100 | 0.006 | 7.00 | 0.7 |
| CM6460-154 | 150 | 0.010 | 5.50 | 1.0 |
| CM6460-224 | 220 | 0.012 | 5.00 | 1.4 |
| CM6460-334 | 330 | 0.017 | 4.00 | 1.8 |
| CM6460-504 | 500 | 0.024 | 3.30 | 2.2 |
| CM6460-754 | 750 | 0.035 | 2.70 | 3.0 |
| CM6460-105 | 1000 | 0.049 | 2.20 | 4.0 |
| CM6460-125 | 1200 | 0.068 | 1.70 | 5.0 |
| CM6460-185 | 1800 | 0.106 | 1.40 | 5.5 |
| CM6460-225 | 2200 | 0.150 | 1.10 | 7.0 |
| CM6460-335 | 3300 | 0.210 | 0.85 | 9.5 |
| CM6460-505 | 5000 | 0.320 | 0.70 | 14.0 |
| CM6460-755 | 7500 | 0.640 | 0.44 | 22.0 |
| CM6460-106 | 10000 | 0.900 | 0.33 | 29.0 |

