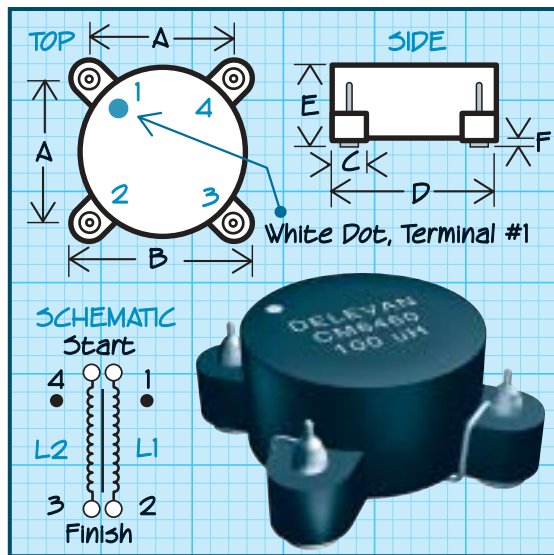


Series CM6460 Surface Mount Common Mode Choke



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

LAND PATTERN DIMENSIONS

