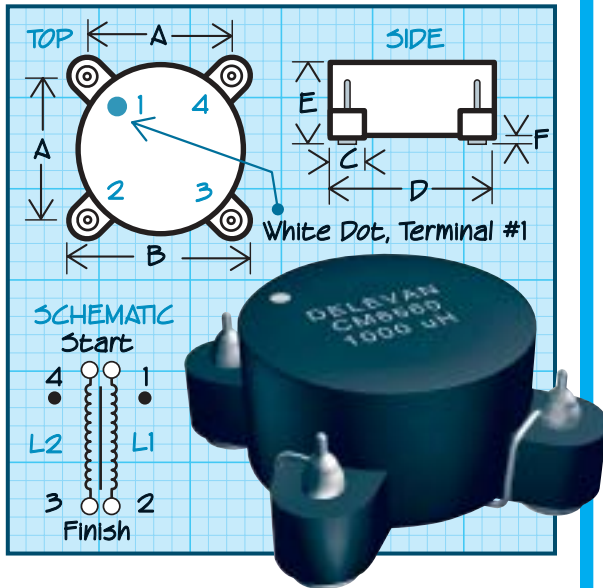


Series CM6560 Surface Mount Common Mode Choke



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

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.

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

CM6560-104	100	0.005	8.50	0.9
CM6560-184	180	0.007	7.00	1.2
CM6560-334	330	0.015	4.80	2.7
CM6560-504	500	0.023	3.60	4.5
CM6560-754	750	0.034	3.00	6.8
CM6560-105	1000	0.047	2.40	8.6
CM6560-185	1800	0.080	1.90	13.0
CM6560-225	2200	0.105	1.50	19.0
CM6560-335	3300	0.160	1.20	18.0
CM6560-505	5000	0.240	0.95	26.0
CM6560-755	7500	0.360	0.75	35.0
CM6560-106	10000	0.530	0.55	45.0
CM6560-126	12000	0.730	0.45	55.0
CM6560-156	15000	1.050	0.35	68.0

LAND PATTERN DIMENSIONS

