SERIES CM6296R CM6296

RoHS Compliant

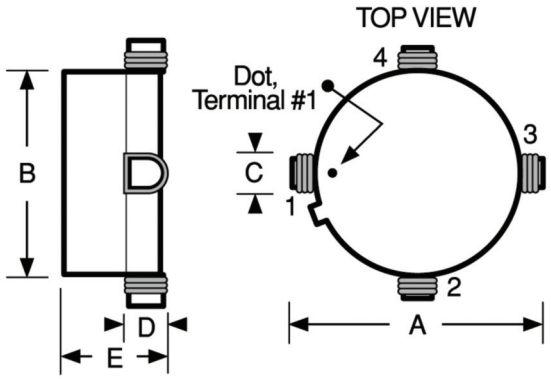
Traditional First Quality

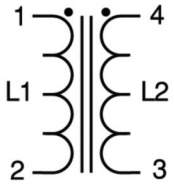
Common Mode Choke/IsolationTransformer

DASH NUMBER*	L1 or L2 INDUCTANCE ±25% (µH)	DC RESISTANCE MAXIMUM (OHMS)	RATED RMS CURRENT (AMPS) MAXIMUM	LEAKAGE INDUCTANCE TYPICAL (µH)
SERIES CM6296 FERRITE CORE				
-253	25	0.014	10.0	0.7
-503	50	0.014	10.0	0.8
-104	100	0.016	9.5	1.4
-154	150	0.016	9.5	1.8
-204	200	0.016	8.5	2.2
-304	300	0.020	7.5	3.3
-454	450	0.024	6.5	4.6
-654	650	0.030	5.5	6.2
-105	1000	0.050	3.5	9.3
-155	1500	0.090	2.5	14.5
-255	2500	0.162	2.2	21.8

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

For surface finish information, refer to www.delevanfinishes.com





Actual Size

Physical Parameters

	Inches	Millimeters
A	1.058 ± 0.010	26.87 ± 0.25
B	0.870 ± 0.010	22.10 ± 0.25
C	0.210 Typ.	5.33 Typ.
D	0.200 Typ.	5.08 Typ.
E	0.430 Max.	10.74 Max.

Mechanical Configuration Flat top surface mount case with excellent coplanarity of terminals

Operating Temperature –55°C to +125°C

Configuration Two inductors per unit; internal terminals: #1 (start)-#2 (finish) & #4 (start) -#3 (finish)

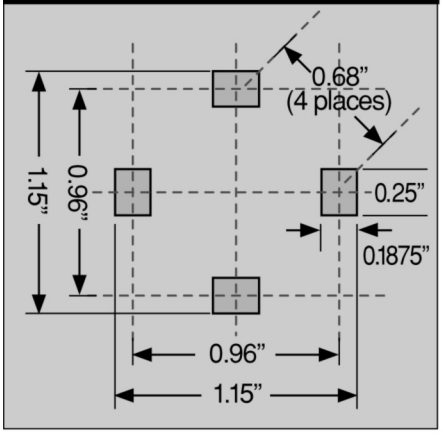
Electrical Configuration
1) Inductance and DCR in table is for either L1 or L2
2) Leakage Inductance tested at L1 with L2 shorted or at L2 with L1 shorted.
3) Windings balanced within 2%
4) Inductance tested @ 1.0kHz

Rated RMS Current Per Winding Based Upon 20°C temperature rise from 25°C ambient

Maximum Power Dissipation at 25°C 2.5 Watts

Dielectric Withstanding Voltage
500 V RMS, 60Hz

LAND PATTERN DIMENSIONS



Marking DELEVAN; part number, inductance with units. A white dot indicates the location of pin 1.

Example: CM6296R-155
DELEVAN
CM6296R-155
1500 uH

Packaging Bulk only

Weight (Grams) 9.0 (Ref.)

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API Delevan®