



CMM Series • Chip Style SMD Miniature Common Mode Chokes

Features

- Miniature, low cost chip SMD design for pick and place compatibility while providing consistent and reliable coplanarity
- Gold plated terminals ensure excellent solderability
- High attenuation over a wide frequency range
- Manufactured in ISO-9001 approved Talema facility
- Other inductance values available

Electrical Specifications

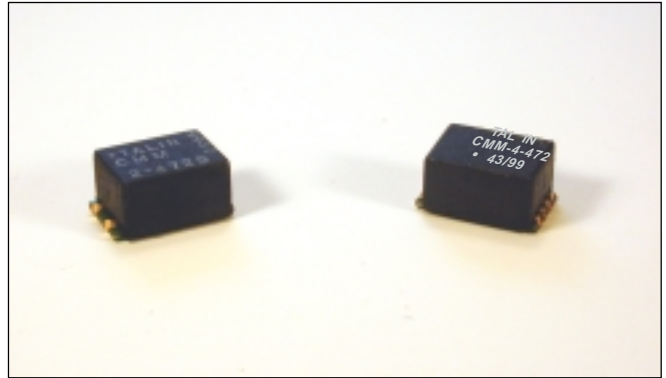
Ratings at 25°C ambient

Operating Temperature: 0 to 70°C

Storage Temperature: -25° to +105°C

Test voltage between windings: 500Vrms

Test Frequency: Inductance measured @ 100kHz/20mVrms



CMM Series • Micro-Miniature Common Mode Chokes for Data and Signal Line EMI Suppression

Part Number	L_N (μ H) +50/-30%	I_N (mA)	L_L (μ H)	R_{CU} (mOhms)	Number of Data Lines	Schematic
Double Chokes						
CMM-2-110	11	500	0.05	70	2	2
CMM-2-240	24	500	0.10	100	2	2
CMM-2-470	47	500	0.20	130	2	2
CMM-2-101	100	500	0.25	260	2	2
CMM-2-471	470	500	0.20	190	2	2
CMM-2-102	1000	500	0.25	250	2	2
CMM-2-222	2200	400	0.35	450	2	2
CMM-2-472	4700	200	0.50	840	2	2
Quad Chokes						
CMM-4-110	11	500	0.10	70	4	4
CMM-4-240	24	500	0.20	100	4	4
CMM-4-470	47	500	0.25	180	4	4
CMM-4-101	100	500	0.30	330	4	4
CMM-4-471	470	500	0.25	200	4	4
CMM-4-102	1000	500	0.35	310	4	4
CMM-4-472	2200	400	0.50	570	4	4
CMM-4-472	4700	200	0.70	860	4	4

Note: Special versions of types CMM-2-470 and CMM-2-101 are available with sector instead of bifilar windings. Add suffix "S" to the basic part number.

Dimensions

Dimensions: Inches (Millimeters)

Tolerance: ± 0.010 (0.25)

Surface Coplanarity will be 0.004(0.10) maximum

CMM-2	CMM-4	Schematic
<p>Suggested Pad Layout</p>	<p>Suggested Pad Layout</p>	

Germany: Int.+4989-841 00-0 • Ireland: Int.+35 375-48 666 • Czech Rep: Int.+420 19-744 9303 • India: Int.+91 427-340 492

<http://www.talema-nuvotem.com>

(03-01) Chokes\CMM