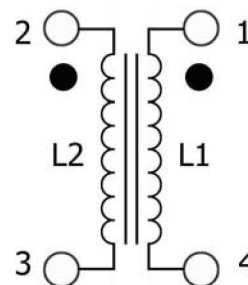
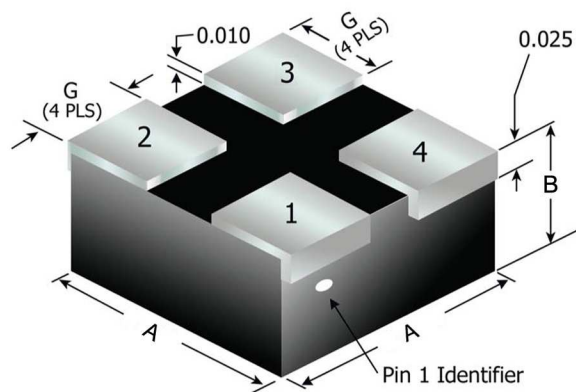


CCMS Series

Common Mode Inductors In Square Package, Commercial Applications



FEATURES

- Leadless device for minimum footprint
- Lead Pad Coplanarity Max: 0.002 inches; 0.05 mm
- Low EMI Radiation
- Low Thermal Expansion permits mounting on most substrate materials
- Custom Designs: Other electrical configurations and performance characteristics are available in various sizes and package types.

CHARACTERISTICS

- Operating Temperature Range: -55 °C to +125 °C
- Temperature Rise @ rated current: < 30 °C
- Dielectric Withstanding Voltage: 500 Vac
- Moisture, Shock and Immersion Resistant
- Resistance to Soldering Heat: 265 °C for 10 secs
- Outgassing meets NASA spec SP-R-0022A: TML< 1%
- Terminations: 90/10 Tin/Lead Plating
- Welded Internal Connections, Transfer Molded Package

PHYSICAL PARAMETERS

	CCMS100	CCMS200	CCMS300	CCMS400
A	.250 ± .010	.400 ± .010	.400 ± .010	.525 ± .010
B	.230 Max	.230 Max	.310 Max	.310 Max
G	0.085	0.135	0.135	0.200
WT	0.6 grams	1.5 grams	2.8 grams	4.1 grams

Part Number	Inductance mH min.	DCR Ohms max.	I Rated Amps max.
CCMS100 Series			
CCMS101	0.050	0.03	1.4
CCMS102	0.075	0.05	1.3
CCMS103	0.100	0.06	1.2
CCMS104	0.250	0.09	1.0
CCMS105	0.500	0.22	0.5
CCMS106	0.750	0.28	0.3
CCMS200 Series			
CCMS201	0.050	0.04	2.6
CCMS202	0.090	0.06	2.2
CCMS203	0.120	0.06	2.1
CCMS204	0.250	0.07	2.0
CCMS205	0.500	0.13	1.4
CCMS206	0.750	0.22	1.1
CCMS207	1.00	0.29	0.95
CCMS208	2.00	0.50	0.75
CCMS209	3.00	0.59	0.65
CCMS300 Series			
CCMS301	0.033	0.02	5.0
CCMS302	0.075	0.03	3.5
CCMS303	0.130	0.05	2.8
CCMS304	0.200	0.06	2.4
CCMS305	0.400	0.08	2.1
CCMS306	0.530	0.10	1.8
CCMS307	0.670	0.15	1.7
CCMS308	1.00	0.20	1.3
CCMS309	3.00	0.50	0.8
CCMS310	5.00	0.65	0.7
CCMS400 Series			
CCMS401	0.059	0.04	3.4
CCMS402	0.105	0.05	3.3
CCMS403	0.165	0.06	3.0
CCMS404	0.325	0.07	2.6
CCMS405	0.535	0.08	2.4
CCMS406	0.95	0.15	1.9
CCMS407	1.50	0.25	1.4
CCMS408	1.90	0.25	1.4
CCMS409	2.90	0.35	1.2
CCMS410	3.50	0.45	1.0
CCMS411	5.00	0.55	0.9
CCMS412	7.20	0.60	0.8



COAST / ADVANCED CHIP MAGNETICS

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