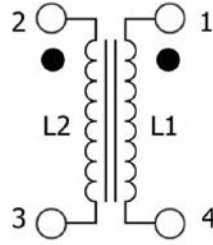
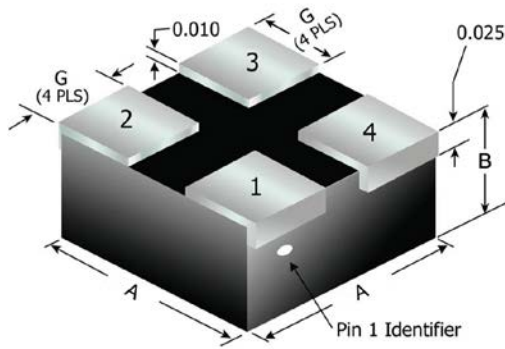


# CMS Series

## Common Mode Inductor (Square Package)

MIL-PRF-27

QPL Approved



Physical Parameters				
Dim	CMS100	CMS200	CMS300	CMS400
A	0.250 ± .010	0.400 ± .010	0.400 ± .010	0.525 ± .010
B	.230 Max	.230 Max	.310 Max	.310 Max
G	.085	.135	.135	.200
WT	0.6 g	1.5 g	2.8 g	4.1 g

Tape & Reel (additional charge)		
Package	Small Reel (Qty)	Large Reel (Qty)
CMS100	300	1000
CMS200	200	650
CMS300	200	650
CMS400	125	300

### FEATURES

- Leadless device for minimum footprint
- Low EMI Radiation
- Low Thermal Expansion permits mounting on most substrate materials

### SPECIFICATIONS

- Operating temperature range: -55°C to 125°C
- Temperature rise at rated DC current is less than 30°C
- Inductance tested at 10 kHz
- Dielectric Withstanding Voltage: 500 VAC
- Moisture, Shock, and Immersion Resistant
- Resistance to Soldering Heat: 265°C for 10 sec
- Terminations: 90/10 Tin/Lead Plating
- Welded Connections, Transfer Molded Package
- Space Application: Available to MIL-STD-981

Part Number	Inductance Min (mH)	DCR Max (Ω)	Current Rated Max (A)
<b>CMS100 Series</b>			
CMS101	0.050	0.03	1.4
CMS102	0.075	0.05	1.3
CMS103	0.100	0.06	1.2
CMS104	0.250	0.09	1.0
CMS105	0.500	0.22	0.5
CMS106	0.750	0.28	0.3
<b>CMS200 Series</b>			
CMS201	0.050	0.04	2.6
CMS202	0.090	0.06	2.2
CMS203	0.120	0.06	2.1
CMS204	0.250	0.07	2.0
CMS205	0.500	0.13	1.4
CMS206	0.750	0.22	1.1
CMS207	1.00	0.29	0.95
CMS208	2.00	0.50	0.75
CMS209	3.00	0.59	0.65
<b>CMS300 Series</b>			
CMS301	0.033	0.02	5.0
CMS302	0.075	0.03	3.5
CMS303	0.130	0.05	2.8
CMS304	0.200	0.06	2.4
CMS305	0.400	0.08	2.1
CMS306	0.530	0.10	1.8
CMS307	0.670	0.15	1.7
CMS308	1.00	0.20	1.3
CMS309	3.00	0.50	0.8
CMS310	5.00	0.65	0.7
<b>CMS400 Series</b>			
CMS401	0.059	0.04	3.4
CMS402	0.105	0.05	3.3
CMS403	0.165	0.06	3.0
CMS404	0.325	0.07	2.6
CMS405	0.535	0.08	2.4
CMS406	0.95	0.15	1.9
CMS407	1.50	0.25	1.4
CMS408	1.90	0.25	1.4
CMS409	2.90	0.35	1.2
CMS410	3.50	0.45	1.0
CMS411	5.00	0.55	0.9
CMS412	7.20	0.60	0.8



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