



## CM SERIES PACKAGE A2



### MIL-PRF-27

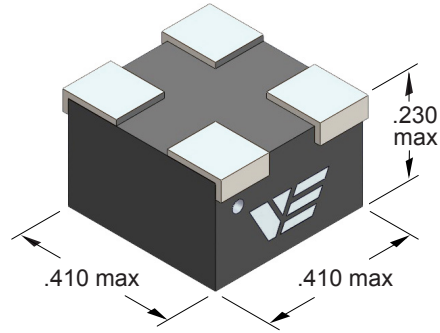
Inductance ref (mH)	DCR max (Ohms)	Current Rating (Amps)
0.05 to 3	0.04 to 0.59	0.650 to 2.6

### ELECTRICAL SPECIFICATIONS

- **Operating Temperature:** -55°C to +125°C
- **Storage Temperature:** -60°C to +130°C
- **Temperature Rise @ 90°C:** < 30°C
- **Inductance at rated DC:** < 30%
- **Dielectric Withstanding Voltage:** 500 V<sub>RMS</sub>
- **Overload Current:** 1.5 times rated current
- **Different electrical values available upon request**

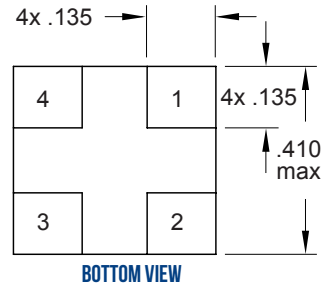
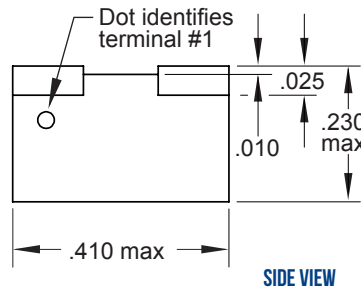
### FEATURES

- **Compact**, low profile, ideal for automatic placement
- Built to meet **MIL-PRF-27** specifications
- **Terminations:** Tin-lead
- **Resistance to Soldering Heat:** 265°C for 10 seconds
- **Welded Internal Connections**
- **Moisture, Shock and Immersion Resistant**
- **Self Shielding**
- **Other termination finishes available**
- **Order to Mil-spec part number or VE part number**



**THRU-HOLE & GULL-WING PACKAGES ALSO AVAILABLE**

MARKINGS: LASER ETCH OR INK

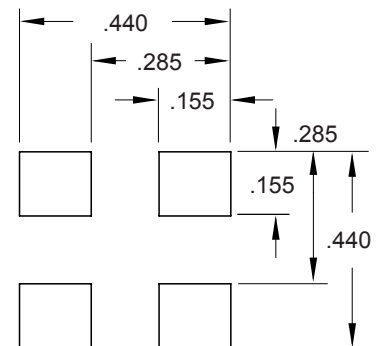


Vanguard Part Number	Inductance ref (mH)	DCR max. (Ohms)	Rated Current (Amps)	Package
CM201	0.050	0.04	2.6	A-2
CM202	0.090	0.06	2.2	A-2
CM203 *	0.120	0.06	2.1	A-2
CM204 *	0.250	0.07	2.0	A-2
CM205	0.500	0.13	1.4	A-2
CM206	0.750	0.22	1.1	A-2
CM207	1.00	0.29	0.95	A-2
CM208	2.00	0.50	0.75	A-2
CM209	3.00	0.59	0.65	A-2

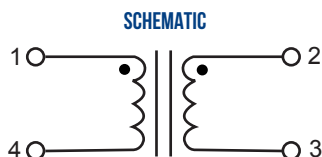
Inductance measured at 10 kHz, 0.1 V<sub>RMS</sub>

\* Height = .240 MAX

IN	MM
0.440	11.18
0.410	10.41
0.285	7.24
0.230	5.84
0.155	3.94
0.135	3.43
0.025	0.64
0.010	0.25



RECOMMENDED MOUNTING PAD CIRCUIT SIDE



CUSTOM DESIGNS & MODIFICATIONS AVAILABLE

