



CM SERIES PACKAGE A4



MIL-PRF-27

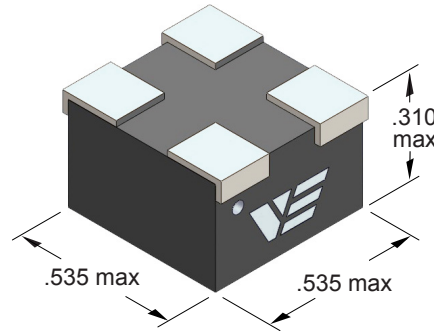
Inductance ref (mH)	DCR max (Ohms)	Current Rating (Amps)
0.079 to 7.2	0.04 to .6	0.8 to 3.4

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_{RMS}
- **Overload Current:** 1.5 times rated current
- **Different electrical values available upon request**

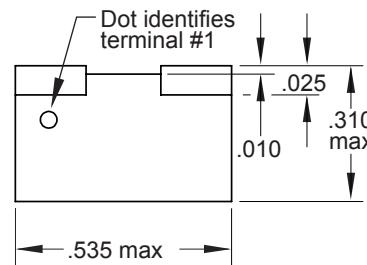
FEATURES

- **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**

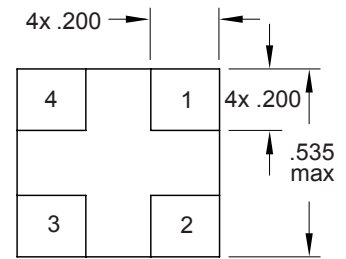


**THRU-HOLE &
GULL-WING PACKAGES
ALSO AVAILABLE**

MARKINGS: LASER ETCH OR INK



SIDE VIEW

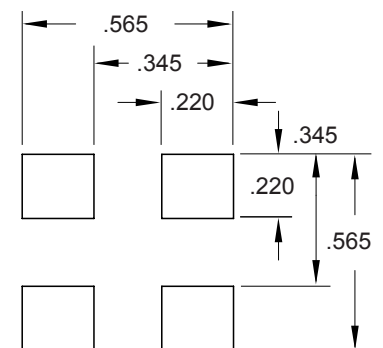


BOTTOM VIEW

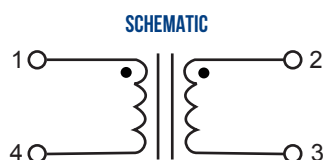
Vanguard Part Number	Inductance ref (mH)	DCR max. (Ohms)	Rated Current (Amps)	Package
CM401	0.079	0.04	3.4	A-4
CM402	0.105	0.05	3.3	A-4
CM403	0.178	0.06	3.0	A-4
CM404	0.370	0.07	2.6	A-4
CM405	0.570	0.08	2.4	A-4
CM406	0.950	0.15	1.9	A-4
CM407	1.50	0.25	1.4	A-4
CM408	1.90	0.25	1.4	A-4
CM409	2.90	0.35	1.2	A-4
CM410	3.50	0.45	1.0	A-4
CM411	5.00	0.55	0.9	A-4
CM412	7.20	0.60	0.8	A-4

Inductance measured at 10 kHz, 0.1 V_{RMS}

IN	MM
0.565	14.35
0.535	13.59
0.345	8.76
0.220	5.59
0.200	5.08
0.135	3.43
0.085	2.16
0.025	0.64
0.010	0.25



RECOMMENDED MOUNTING PAD CIRCUIT SIDE



SCHEMATIC



CUSTOM DESIGNS & MODIFICATIONS AVAILABLE

REV D

