



SCM SERIES PACKAGE A3



ALL PARTS AVAILABLE AS CLASS S OR CLASS B

MIL-STD-981

Inductance ref (mH)	DCR max (Ohms)	Current Rating (Amps)
0.033 to 5	0.02 to .65	0.7 to 5

ELECTRICAL SPECIFICATIONS

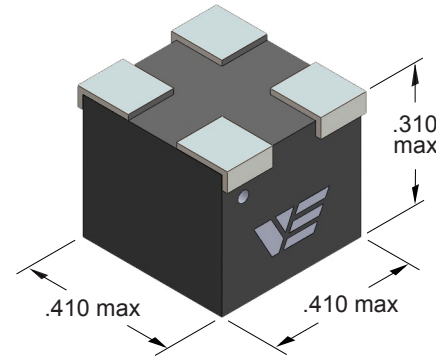
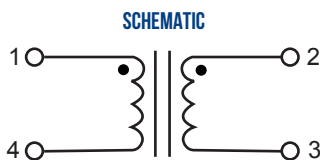
- **Operating Temperature:** -55°C to +125°C
- **Storage Temperature:** -60°C to +130°C
- **Temperature Rise @ 90°C:** < 30°C
- **Outgassing per ASTM E595** (TML <1%, CVCM <0.1%)
- **Dielectric Withstanding Voltage:** 500 V_{RMS}
- **Overload Current:** 1.5 times rated current
- **Different electrical values available upon request**

FEATURES

- **Compact**, low profile, ideal for automatic placement
- Built to meet **MIL-STD-981** 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 upon request**
- **MIL-STD-981 Testing:**
Add "-S" suffix for Class S Testing
Add "-B" suffix for Class B Testing

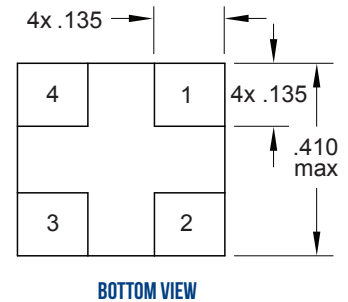
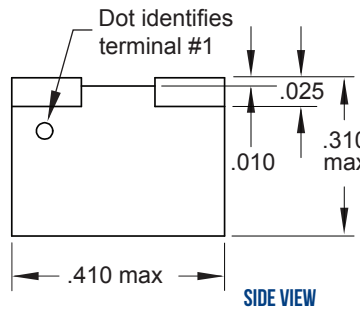
Vanguard Part Number	Inductance ref (mH)	DCR max. (Ohms)	Rated Current (Amps)	Package
SCM301	0.033	0.02	5.0	A-3
SCM302	0.075	0.03	3.5	A-3
SCM303	0.130	0.05	2.8	A-3
SCM304	0.200	0.06	2.4	A-3
SCM305	0.400	0.08	2.1	A-3
SCM306	0.530	0.10	1.8	A-3
SCM307	0.670	0.15	1.7	A-3
SCM308	1.00	0.20	1.3	A-3
SCM309	3.00	0.50	0.8	A-3
SCM310	5.00	0.65	0.7	A-3

Inductance measured at 10 kHz, 0.1 V_{RMS}

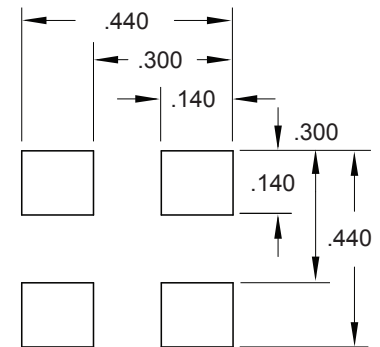


THRU-HOLE & GULL-WING PACKAGES ALSO AVAILABLE

MARKINGS: LASER ETCH OR INK



IN	MM
0.440	11.18
0.410	10.41
0.285	7.24
0.155	3.93
0.140	3.56
0.135	3.43
0.025	0.64
0.010	0.25



CUSTOM DESIGNS & MODIFICATIONS AVAILABLE

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