



SCM SERIES PACKAGE A2



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**

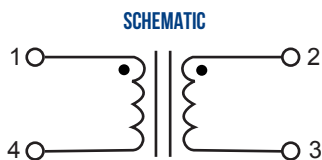
FEATURES

- **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**

Vanguard Part Number	Inductance ref (mH)	DCR max. (Ohms)	Rated Current (Amps)	Package
SCM201	0.050	0.04	2.6	A-2
SCM202	0.090	0.06	2.2	A-2
SCM203 *	0.120	0.06	2.1	A-2
SCM204 *	0.250	0.07	2.0	A-2
SCM205	0.500	0.13	1.4	A-2
SCM206	0.750	0.22	1.1	A-2
SCM207	1.00	0.29	0.95	A-2
SCM208	2.00	0.50	0.75	A-2
SCM209	3.00	0.59	0.65	A-2

Inductance measured at 10 kHz, 0.1 V_{RMS}

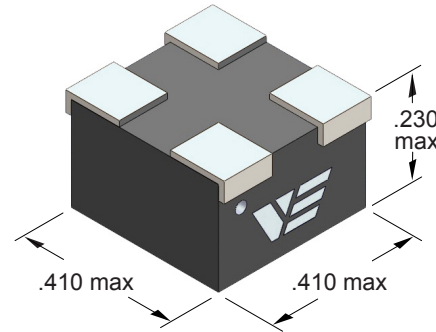
* Height = .240 MAX



ALL PARTS AVAILABLE AS CLASS S OR CLASS B

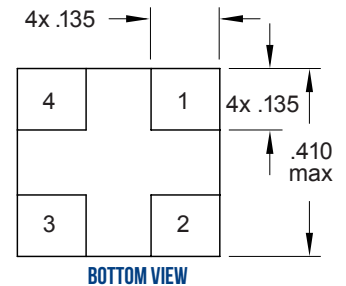
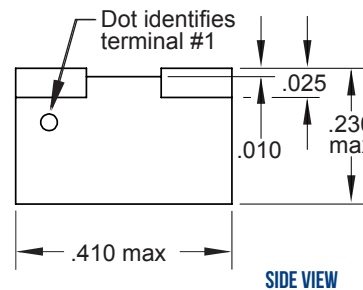
MIL-STD-981

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

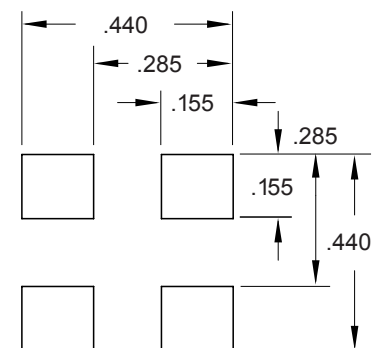


THRU-HOLE & GULL-WING PACKAGES ALSO AVAILABLE

MARKINGS: LASER ETCH OR INK



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



MIL-STD-981 Testing:

Add "-S" suffix for Class S Testing

Add "-B" suffix for Class B Testing

RECOMMENDED MOUNTING PAD CIRCUIT SIDE



CUSTOM DESIGNS & MODIFICATIONS AVAILABLE

