



## PL23 SERIES

COMMON MODE INDUCTOR  
HORIZONTAL MOUNTING



RoHS VERSION AVAILABLE

COTS+

Inductance Range (mH)	DCR (mOhms)	Current Rating (Amps)
1 to 16	20 to 240	1.8 to 7.5

### ELECTRICAL SPECIFICATIONS

- **Operating Temperature:** -40°C to +125°C
- **Storage Temperature:** -40°C to +125°C
- **Temperature Rise @ 100°C:** < 25°C
- **Dielectric Withstanding Voltage:** 1250 V<sub>RMS</sub> minimum
- **Different electrical values available upon request**

### FEATURES

- **Compact**, low profile, ideal for automatic placement
- **Terminations:** Tin-lead
- **Magnetically shielded**
- **Other termination finishes available**
- **Order to VE part number**

MARKINGS: LASER ETCH OR INK

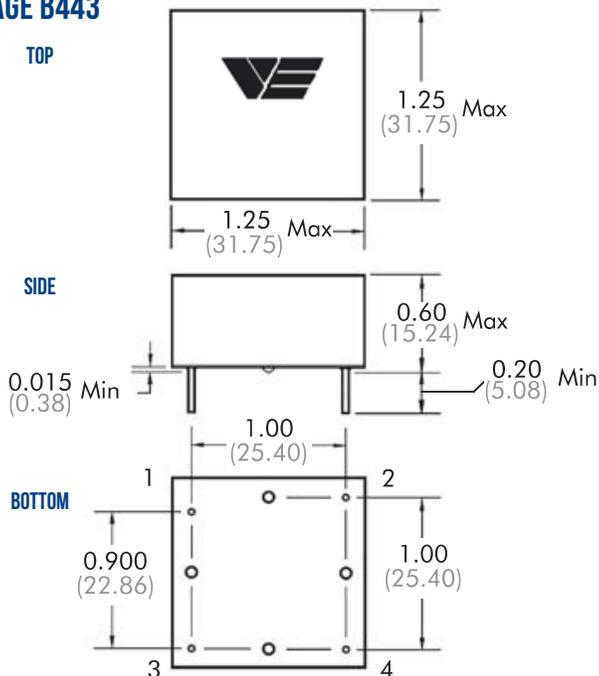


SCHEMATIC

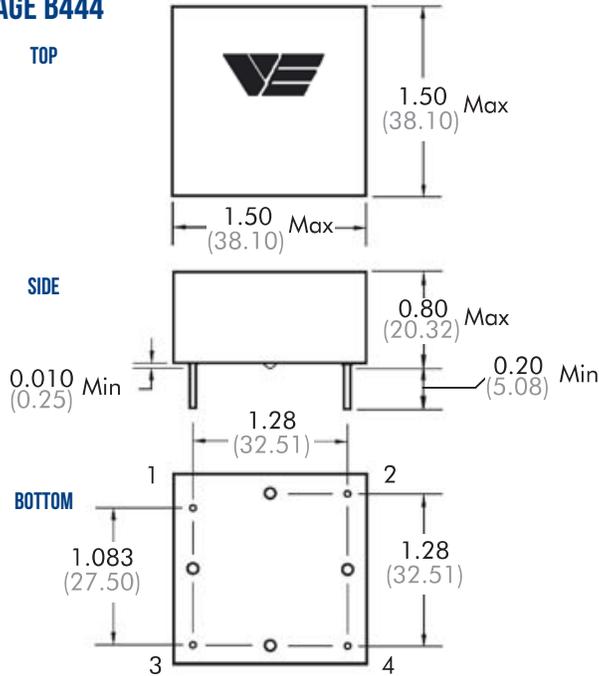


Vanguard P/N	Inductance ±30% (mH)	Rated Current RMS (Amps)	DCR max (mOhms)	Lead Size AWG	Package Size
PL23-01	1	6.0	20	19	B443
PL23-02	2	7.5	20	17	B444
PL23-03	3	3.5	60	20	B443
PL23-04	4	5.2	40	19	B444
PL23-05	8	3.2	120	20	B444
PL23-06	10	1.8	240	20	B443
PL23-07	16	2.6	160	20	B444

### PACKAGE B443



### PACKAGE B444



Note: Tolerances ± .010 inches (unless otherwise stated)

### CUSTOM DESIGNS & MODIFICATIONS:

Other electrical configurations and performance characteristics are available in various sizes and package types

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