



PL21 SERIES COMMON MODE INDUCTOR



RoHS VERSION AVAILABLE

COTS+

Inductance Range (mH)	DCR (mOhms)	Current Rating (Amps)
1.0 to 33.0	10 to 1,400	0.5 to 15.0

ELECTRICAL SPECIFICATIONS

- **Operating Temperature:** -40°C to +125°C
- **Storage Temperature:** -40°C to +125°C
- **Standard Inductance Tolerance:** ± 30%
- **Different electrical values available upon request**

FEATURES

- Ideal for automatic placement
- Compatible with all standard solder installation methods: Reflow/Flow, Wave, Infrared, and Vapor Phase
- **Low external magnetic field and minimal RFI**
- **Terminations:** Tin-lead
- **Other termination finishes available**

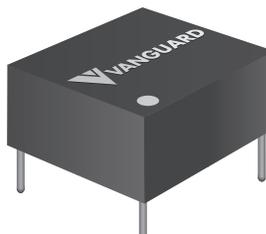
MARKINGS: LASER ETCH OR INK



B431



B432



B433



B434

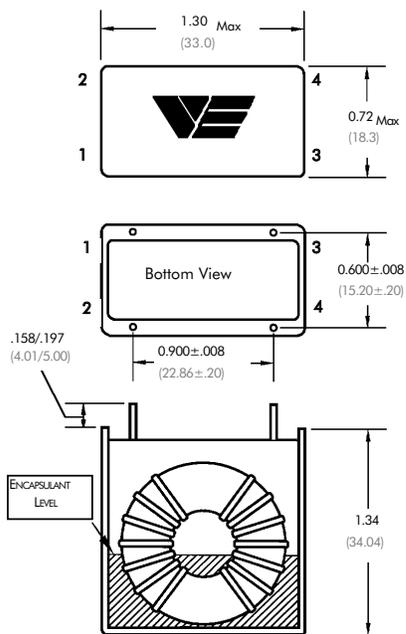
Vanguard P/N	Inductance (mH ±30%)	Rated Current (Amps) RMS	DCR max (mOhms)	Package Size	Lead Size AWG
PL21-01	1.0	15.0	10	B432	16
PL21-02	1.2	3.15	40	B433	20
PL21-03	1.2	3.15	40	B434	20
PL21-04	1.5	12.5	15	B432	17
PL21-05	1.8	10.0	20	B432	17
PL21-06	2.2	3.15	60	B433	20
PL21-07	2.7	6.3	40	B431	20
PL21-08	3.3	3.15	70	B433	20
PL21-09	3.3	8.0	33	B432	19
PL21-10	3.9	5.0	50	B431	20
PL21-11	5.6	1.0	300	B433	20
PL21-12	5.6	3.15	100	B431	20
PL21-13	15.0	2.0	290	B431	20
PL21-14	18.0	1.0	500	B431	20
PL21-15	33.0	0.5	1,400	B433	20

Inductance measured at 10 kHz, 0.1 V_{RMS}

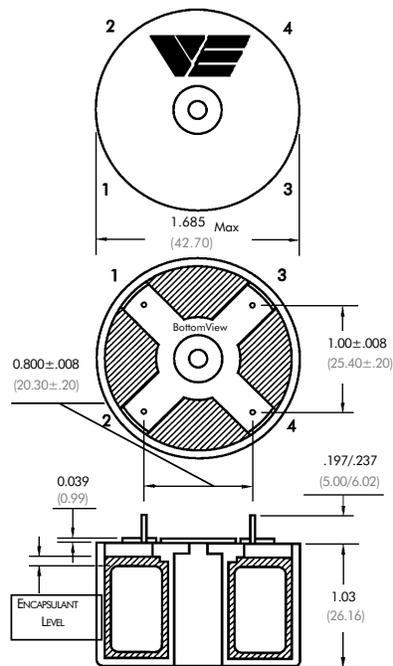
CUSTOM DESIGNS & MODIFICATIONS:

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

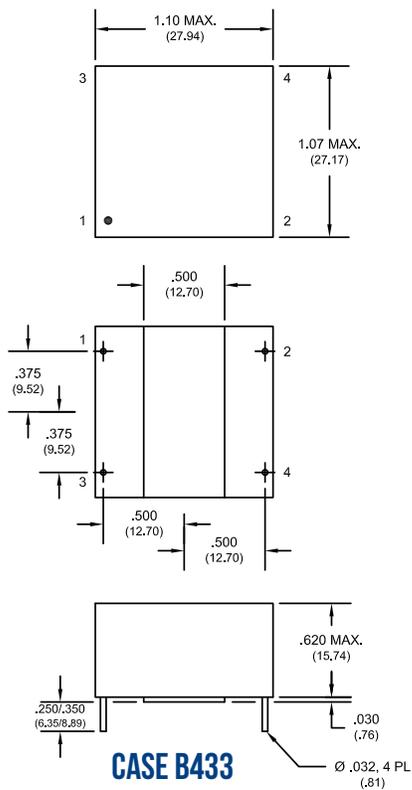




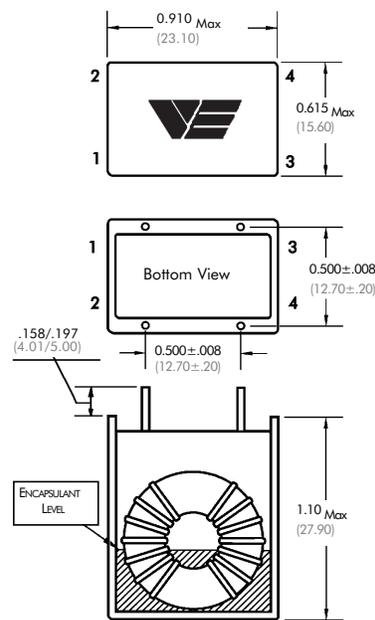
CASE B431



CASE B432



CASE B433



CASE B434



- NOTES:
- 1) Dimension inches (mm)
 - 2) Tolerances: ±.010 inches (unless otherwise stated) ±.25 mm.

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