



PL20 SERIES

COMMON MODE INDUCTOR

SELF-LEADED SURFACE MOUNT



RoHS VERSION AVAILABLE

COTS +

ELECTRICAL SPECIFICATIONS

- **Operating Temperature:** -40°C to +125°C
- **Storage Temperature:** -40°C to +125°C
- **Standard Inductance Tolerance:** $\pm 30\%$
- **Dielectric Withstanding Voltage:** 500 V_{RMS} min
- **Different electrical values available upon request**

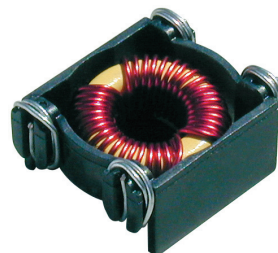
FEATURES

- **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**

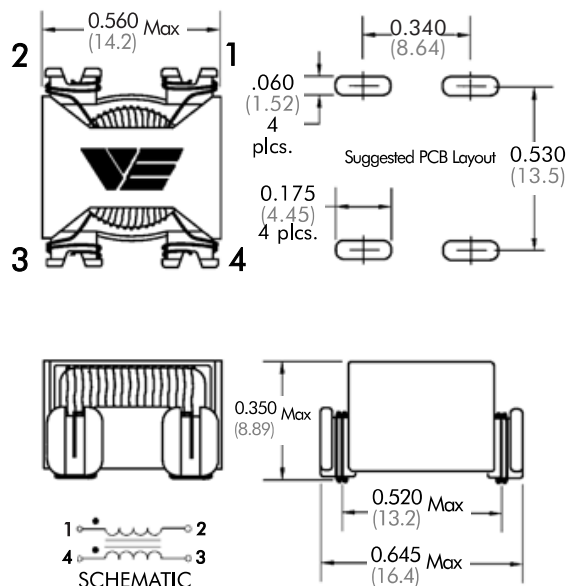
Vanguard P/N	Inductance $\pm 30\%$ (mH)	Rated Current RMS (Amps)	DCR max (mOhms)	Package Size
PL20-01	0.180	3.3	50	B403
PL20-02	0.410	14.0	8	B406
PL20-03	0.560	7.2	15	B405
PL20-04	0.590	5.6	20	B403
PL20-05	0.680	11.6	10	B406
PL20-06	0.800	4.7	40	B403
PL20-07	0.840	9.7	14	B406
PL20-08	0.860	1.63	100	B404
PL20-09	0.952	1.5	60	B401
PL20-10	1.040	3.6	50	B403
PL20-11	1.124	1.22	200	B404
PL20-12	1.162	2.8	80	B403
PL20-13	1.220	3.3	60	B403
PL20-14	3.0	2.5	80	B403
PL20-15	10.0	1.0	450	B401
PL20-16	22.0	0.5	850	B401

Inductance measured at 10 kHz, 0.1 V_{RMS}

MARKINGS: LASER ETCH OR INK



CASE B401



PL20 SERIES

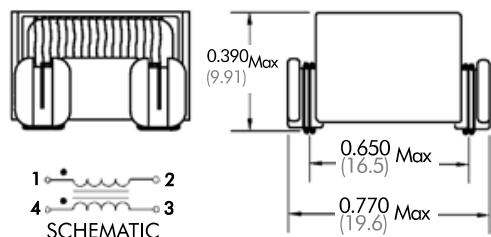
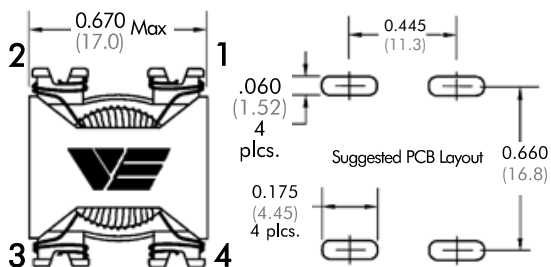




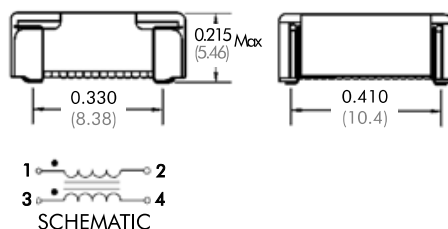
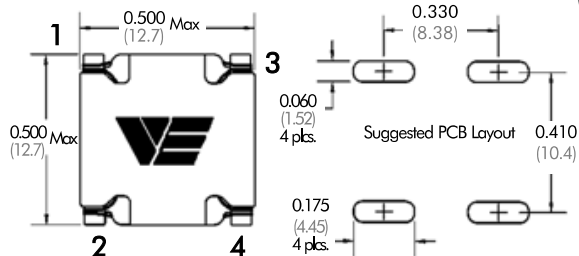
Dimensions:
inches
(mm)

Tolerances:
unless otherwise stated
± .010
(± 0.25)

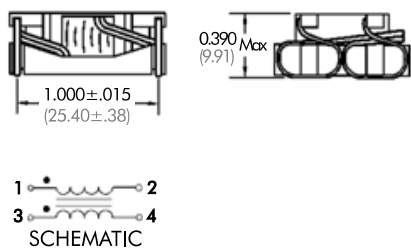
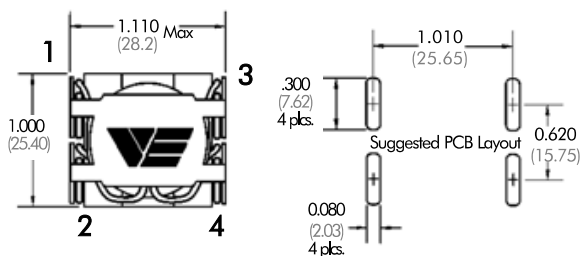
CASE B403



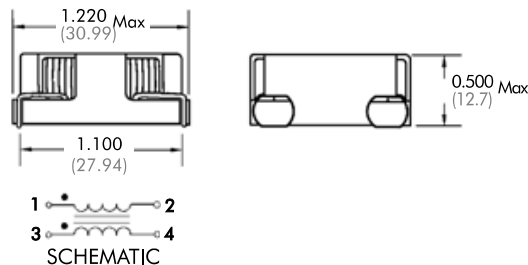
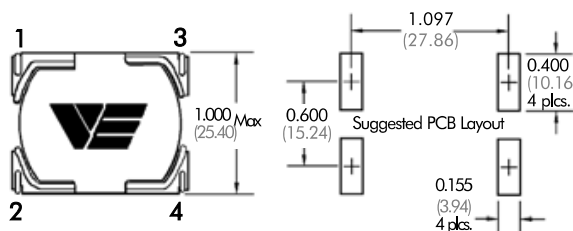
CASE B404



CASE B405



CASE B406



PL20 SERIES

