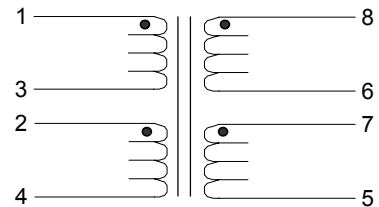
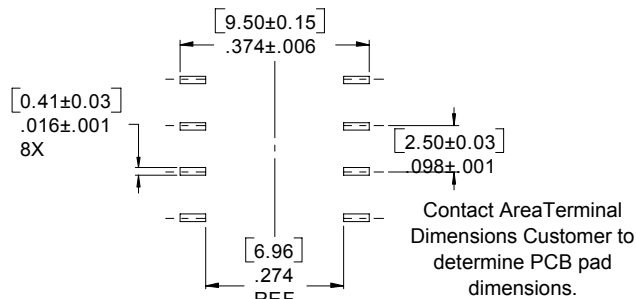
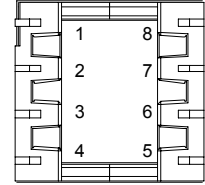
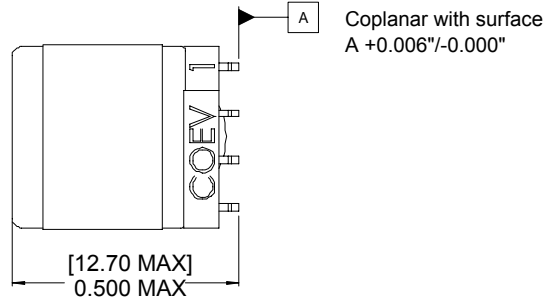
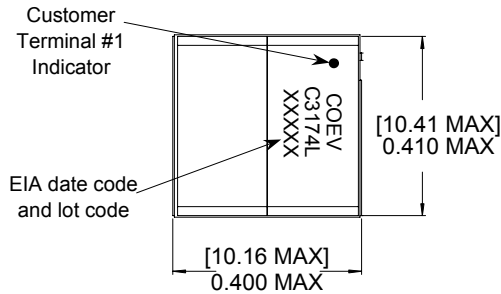


C3174L**REV****B****COEV**
MAGNETICS

tyco Electronics

Product Description**470µH, 1.26:1 TR CEP8 Line Interface Transformer****Meets requirements of IEC60950 for supplementary insulation, 250V working voltage**

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Primary units are in inches. Millimeters are in brackets.

Electrical Specifications at +20°C unless noted otherwise

Test Description	Limit	Units	Tol	Notes
Inductance	470	µH	±5%	8-5 tie(6+7), 10kHz, 100mVAC, Ls.
Leakage Inductance	17.0	µH	Max.	8-5 tie(6+7, 1+2+3+4), 100kHz, 100mVAC, Ls.
DC Resistance	1.50	Ω	±10%	1-3
DC Resistance	1.50	Ω	±10%	2-4
DC Resistance	2.00	Ω	±10%	8-6
DC Resistance	2.00	Ω	±10%	7-5
Turns Ratio	1.26 : 1	---	±1%	(1-4) : (8-5) tie(2+3, 6+7), 10KHz, 100mVAC.
Dielectric	1,875	VAC	500µA	1-10 tie(2+3, 6+7), 1 second test, 500µA maximum leakage current.
Dielectric	650	VDC	500µA	1-core tie(1+2+7+8), 1 second test, 500µA maximum leakage current.
Total Harmonic Distortion	-72.0	dB	Max.	10kHz, 1.5Vrms [1.41 Vp-p], Line : IC
Longitudinal Balance (ITU)	-55.0	dB	Min.	30kHz - 1.1MHz.
Interwinding Capacitance	7.0	pF	Max.	1-8 tie(1+2+3+4, 5+6+7+8), 100kHz, 100mVAC, Cs.

Patent Pending

Designed to reflect 100 ohms on the Line with 63 ohms on the IC side.

Operating Temperature Range: -40°C to +85°C

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