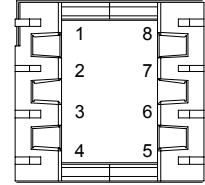
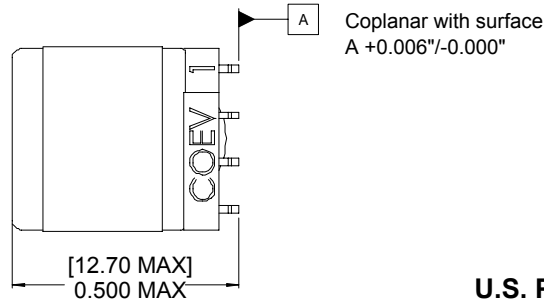
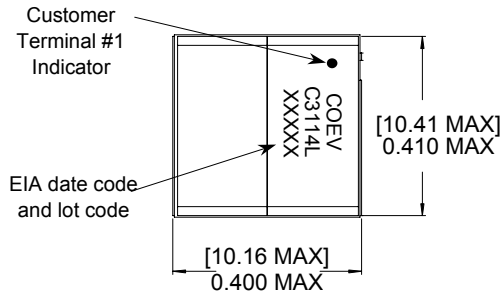
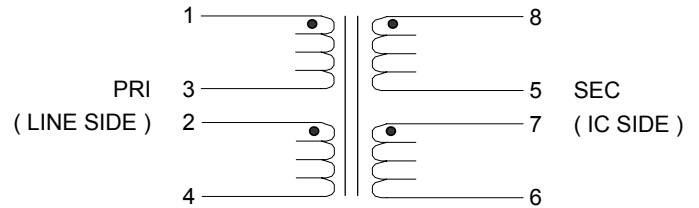
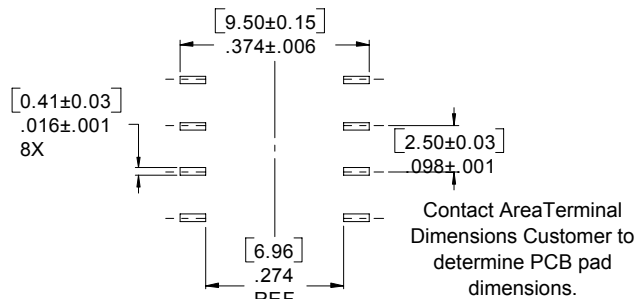


C3114L**REV****J****COEV**
MAGNETICS**tyco** Electronics**Product Description****0.95:1 TR, 750µH Line Interface Transformer**
Meets requirements of IEC60950 for basic insulation, 250V working voltage**U.S. PATENT NUMBER**
6,483,412

Information subject to change without notice. 04/03

Primary units are in inches. Millimeters are in brackets.

Electrical Specifications at +20°C unless noted otherwise

Test Description	Limit	Units	Tol	Notes
Inductance	750	µH	±6%	1-4 tie(2+3), 10kHz, 100mVAC, Ls.
Leakage Inductance	3.00	µH	Max.	1-4 tie(2+3, 5+6+7+8), 100kHz, 100mVAC, Ls.
DC Resistance	0.550	Ω	±10%	1-3
DC Resistance	0.800	Ω	±10%	8-5
DC Resistance	0.800	Ω	±10%	7-6
DC Resistance	0.610	Ω	±10%	2-4
Turns Ratio	0.95 : 1	---	±1%	(1-4) : (8-6) tie(2+3, 5+7), 10KHz, 100mVAC.
Dielectric	1,875	VAC	500µA	1-8 tie(2+3, 5+7), 1 second test, 500µA maximum leakage current.
Interwinding Capacitance	125	pF	Max.	1-8 tie(1+2+3+4, 5+6+7+8), 100kHz, 100mVAC, Cs.
Total Harmonic Distortion	-66.0	dB	Max.	10kHz, 2.0Vrms [5.66 Vp-p], Line : IC
Total Harmonic Distortion	-85.0	dB	Max.	100kHz, 4.24Vrms [12.0 Vp-p], Line : IC
Insertion Loss	0.400	dB	Max.	150kHz-300kHz.
Insertion Loss	0.750	dB	Max.	1.0MHz.
Longitudinal Balance (ITU)	35.0	dB	Min.	30kHz - 1.1MHz.

Agency Approvals

UL1950	File E189690	Japan (via CB Cert.)	Certif. No. 16516
CSA 950 (via UL/CUL)	File E189690	Austel (via CB Cert.)	Certif. No. 16516
IEC 60950 (via CB Cert.)	Certificate No. 16516	Sweden (via CB Cert.)	Certif. No. 16516
		Norway (via CB Cert.)	Certif. No. 16516

UL/CUL**Designed to reflect 100 ohms on the Line with 110 ohms on the IC side.****Operating Temperature Range: -40°C to +85°C**

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Date: 04/24/03