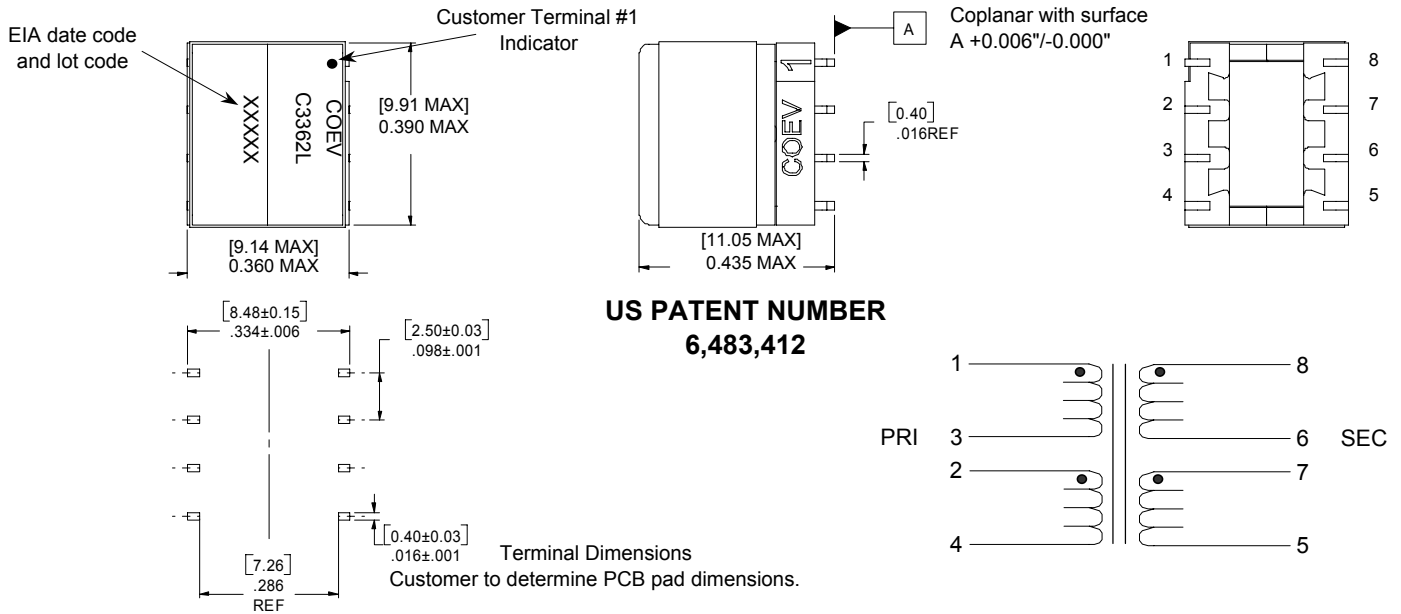


C3362L**REV****A****COEV**
MAGNETICS

tyco Electronics

Product Description**1.1:1 TR 400 μ H Line Interface Transformer****Meets requirements of IEC60950 for supplementary insulation, 250V working voltage**

Information subject to change without notice. 09/03

Primary units are in inches. Millimeters are in brackets.

Electrical Specifications at +20°C unless noted otherwise

Test Description	Limit	Units	Tol	Notes
Inductance	400	μ H	$\pm 5\%$	1-4 tie(2+5), 10kHz, 100mVAC, Ls.
Leakage Inductance	2.20	μ H	$\pm 25\%$	1-4 tie(2+3, 5+6+7+8), 100kHz, 100mVAC, Ls.
DC Resistance	0.550	Ω	Max.	1-3
DC Resistance	0.550	Ω	Max.	2-4
DC Resistance	1.10	Ω	Max.	7-5
DC Resistance	0.890	Ω	Max.	8-6
Turns Ratio	1.11 : 1	---	$\pm 1\%$	(1-4) : (8-5) tie(2+3, 6+7), 10KHz, 100mVAC.
Dielectric	1,875	VAC	500 μ A	tie(2+3, 6+7), 1 second test, 500 μ A maximum leakage current.
Total Harmonic Distortion	-59.0	dB	Max.	5kHz, 1.0Vrms [2.83 Vp-p], Line : IC
Total Harmonic Distortion	-90.0	dB	Max.	100kHz, 4.0Vrms [11.31 Vp-p], Line : IC
Interwinding Capacitance	60.0	pF	Max.	1-8 tie(1+2+3+4, 5+6+7+8), 100kHz, 100mVAC, Cs.
Logitudinal Balance (ITU)	45.0	dB	Min.	30kHz - 1.1MHz GND pin 8.

Designed to reflect 100 ohms on the Line with 82.5 ohms on the IC side.

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

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