

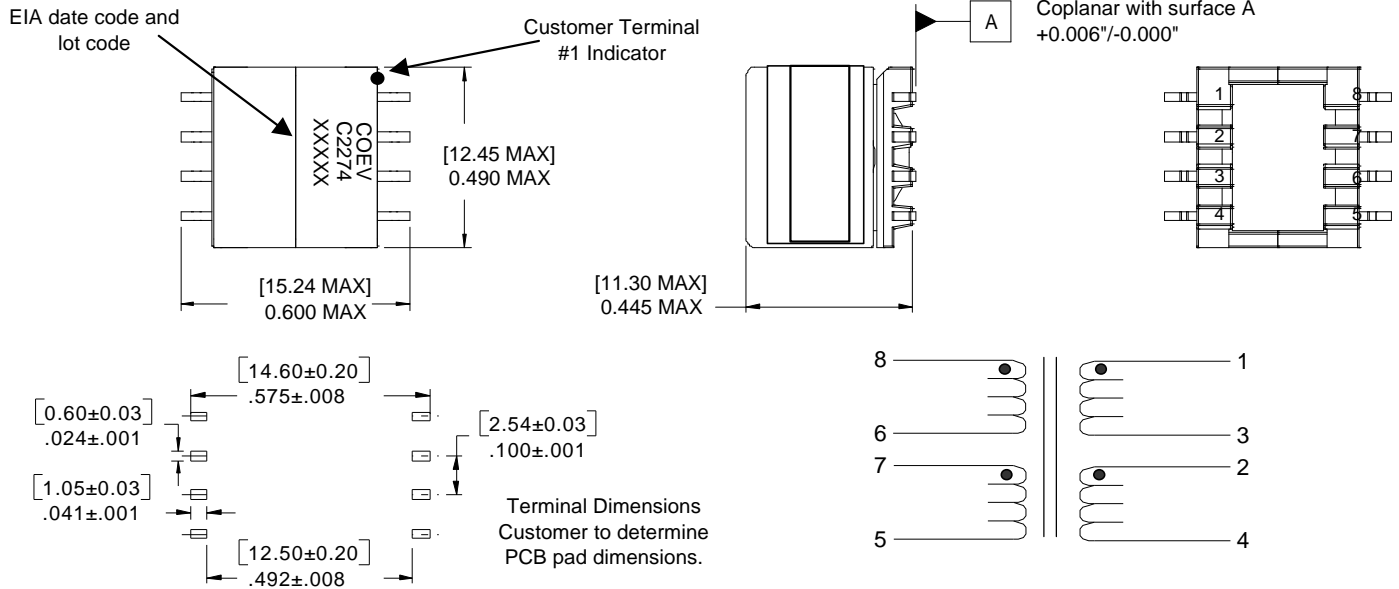
C2274



tyco Electronics

Product Description

Globespan ADSL CO Line Isolation Transformer
Meet UL1950, IEC 60950 for supp. Ins. 250V working Voltage



Primary units are in inches. Millimeters are in brackets.

Electrical Specifications at +20°C unless noted otherwise

Test Description	Limit	Units	Tol	Notes
Inductance	0.10	mH	±5%	8-5 tie(6+7), 10kHz, 100mVAC, Ls.
Leakage Inductance	5.00	µH	Max.	8-5 tie(6+7, 2+3, 1+4), 100kHz, 100mVAC, Ls.
DC Resistance	1.400	Ω	±10%	8-6
DC Resistance	1.100	Ω	±10%	1-3
DC Resistance	1.600	Ω	±10%	7-5
DC Resistance	1.200	Ω	±10%	2-4
Turns Ratio	1.43 : 1.00	---	±1%	(8-6) : (1-3) tie(2+3, 6+7), 10KHz, 100mVAC.
Dielectric	1,875	VAC	500µA	1-8 tie(6+7, 2+3), 1 second test, 500µA maximum leakage current.
Interwinding Capacitance	55.00	pF	Max.	1-8 tie(6+7, 2+3, 1+4, 5+8), 100kHz, 100mVAC, Cs.
Total Harmonic Distortion	-90.00	dB	Max.	50KHz, 1.06Vrms [3 Vp-p], Line : IC
Insertion Loss	1.00	dB	Max.	500kHz.
Longitudinal Balance (ITU)	40.00	dB	Min.	1.1MHz - 1.1MHz, Gnd pin 4 or 1.

Patents Pending - U.S. and Foreign

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