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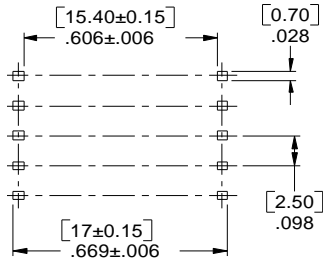
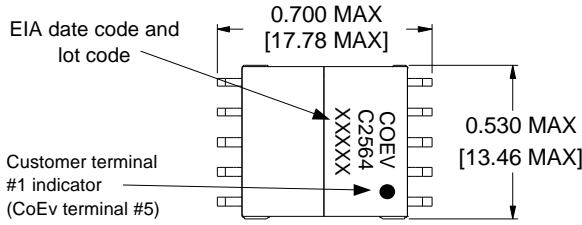
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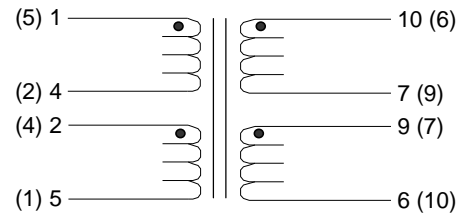
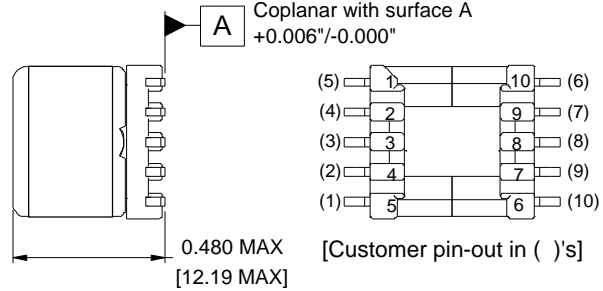
Product Description

ADSL/ISDN Line Isolation Transformer

Designed To Meet Requirements Of IEC60950 For Supplementary Insulation, 250V



Customer to determine PCB pad dimensions.



Information subject to change without notice. 03/02

Primary units are in inches. Millimeters are in brackets.

Electrical Specifications at +20°C unless noted otherwise

Test Description	Limit	Units	Tol	Notes
Inductance	102.40	μH	±5%	1-5 tie(2+4), 10kHz, 100mVAC, Ls.
Leakage Inductance	6.00	μH	Max.	1-5 tie(2+4, 7+9, 10+6), 100kHz, 100mVAC, Ls.
DC Resistance	0.355	Ω	±10%	10-7
DC Resistance	0.410	Ω	±10%	1-4
DC Resistance	0.410	Ω	±10%	2-5
DC Resistance	0.365	Ω	±10%	9-6
Turns Ratio	1.00 : 1.00	---	±1%	(1-5) : (10-6) tie(2+4, 7+9), 10kHz, 100mVAC.
Dielectric	500	VAC	500μA	1-2, 1 second test, 500μA maximum leakage current.
Dielectric	500	VAC	500μA	10-9, 1 second test, 500μA maximum leakage current.
Dielectric	2,000	VAC	500μA	1-10 tie(2+4, 7+9), 1 second test, 500μA maximum leakage current.
Dielectric	1,500	VAC	500μA	1-CORE tie(2+4, 7+9, 5+6), 1 second test, 500μA maximum leakage current.
Total Harmonic Distortion	-80.00	dB	Max.	20kHz, 1.0Vrms [2.83 Vp-p], Line : IC
Insertion Loss	0.70	dB	Max.	300kHz.
Longitudinal Balance (ITU)	40.00	dB	Min.	1.1MHz, Gnd pin 10 or 6.

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