

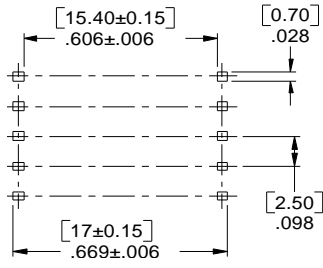
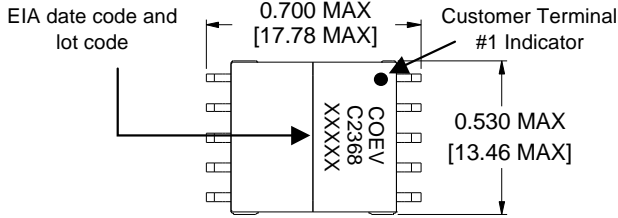
# C2368



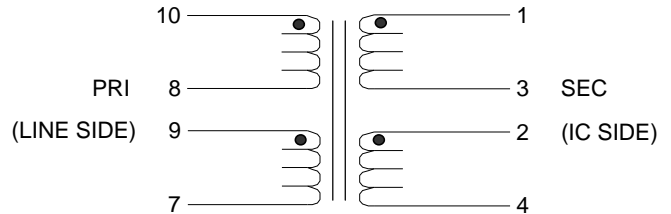
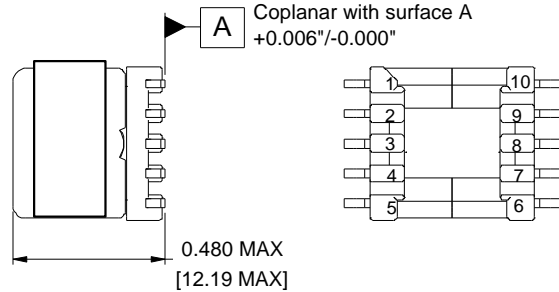
tyco Electronics

**Product Description**

**ADSL Over ISDN Line Isolation Transformer**  
**Meets Requirements Of IEC60950 For Supplementary Insulation, 250V**



Terminal Dimensions  
 Customer to determine PCB pad dimensions.



Primary units are in inches. Millimeters are in brackets.

**Electrical Specifications at +20°C unless noted otherwise**

Test Description	Limit	Units	Tol	Notes
Inductance	120.00	μH	±5%	1-4 tie( 2+3 ), 10kHz, 100mVAC, Ls.
Leakage Inductance	4.00	μH	Max.	1-4 tie( 2+3, 8+9, 10+7 ), 100kHz, 100mVAC, Ls.
DC Resistance	0.400	Ω	±10%	1-3
DC Resistance	0.400	Ω	±10%	2-4
DC Resistance	0.435	Ω	±10%	10-8
DC Resistance	0.435	Ω	±10%	9-7
Turns Ratio	1.2:1	---	+5%/-1%	( 10-7 ) : ( 1-4 ) tie( 2+3, 8+9 ), 10kHz, 100mVAC.
Dielectric	1,875	VAC	500μA	1-10 tie( 2+3, 8+9 ), 1 second test, 500μA maximum leakage current.
Interwinding Capacitance	40.00	pF	Max.	1-10 tie( 1+4, 2+3, 8+9, 10+7 ), 100kHz, 100mVAC, Cs.
Total Harmonic Distortion	-80.00	dB	Max.	100kHz, 4.0Vrms [ 11.31 Vp-p ], Line : IC
Insertion Loss	0.50	dB	Max.	300kHz, 0dBm
Longitudinal Balance (ITU)	40.00	dB	Min.	20kHz - 1.1MHz, Gnd pin 1 or 4.

The information contained in this drawing is the sole property of CoEv, Inc. Any reproduction or use without the written permission of CoEv, Inc. is prohibited.

TEL 888-978-2638 - FAX 605-886-8995 - www.coev.net

11/8/01