

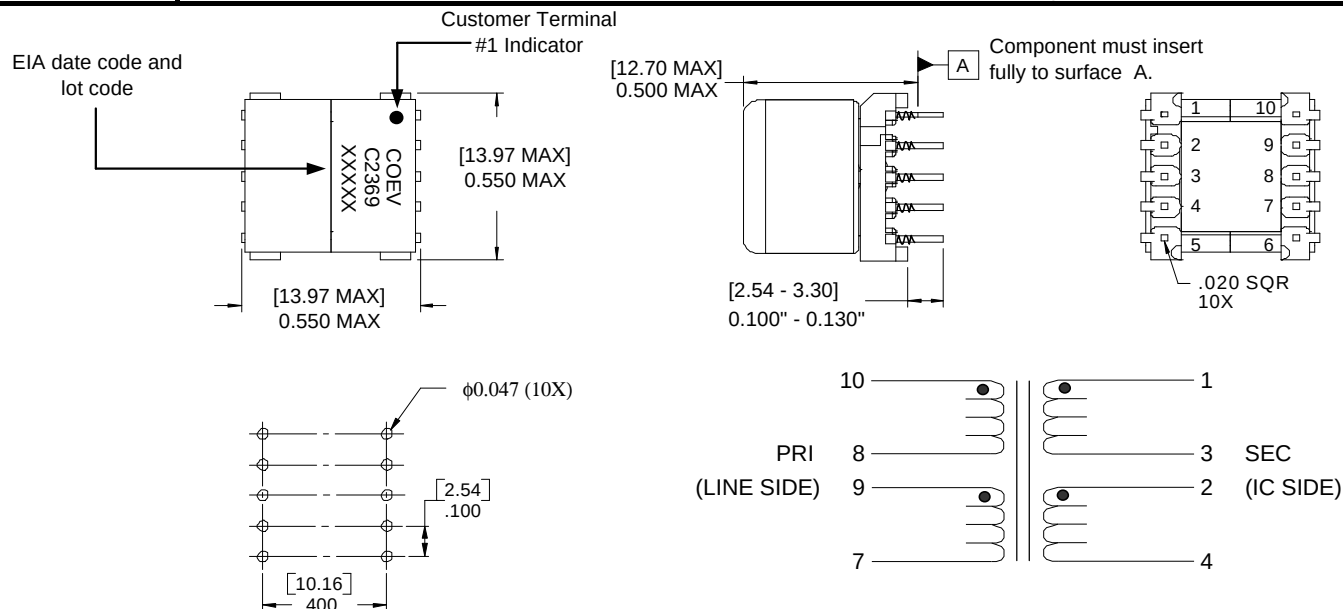
C2369



tyco Electronics

Product Description

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



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	0.390	Ω	±10%	1-3
DC Resistance	0.390	Ω	±10%	2-4
DC Resistance	0.425	Ω	±10%	10-8
DC Resistance	0.425	Ω	±10%	9-7
Turns Ratio	1.20 : 1.00	---	±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	-78.00	dB	Max.	10kHz, .550Vrms [1.56 Vp-p], Line : IC
Insertion Loss	0.50	dB	Max.	300kHz, 0dBm, Line : IC
Longitudinal Balance (ITU)	46.00	dB	Min.	20kHz - 1.1MHz, Gnd pin 1 or 4, 0dBm, Line : IC

Agency Approvals

BABT	Certificate No. NC/011430	Japan (via CB Cert.)	Certif. No. 12189
UL1950	File E189690	Austel (via CB Cert.)	Certif. No. 12189
CSA 950 (via UL/CUL)	File E189690	Sweden (via CB Cert.)	Certif. No. 12189
IEC 60950 (via CB Cert.)	Certificate No. 12189	Norway (via CB Cert.)	Certif. No. 12189

BABT

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