

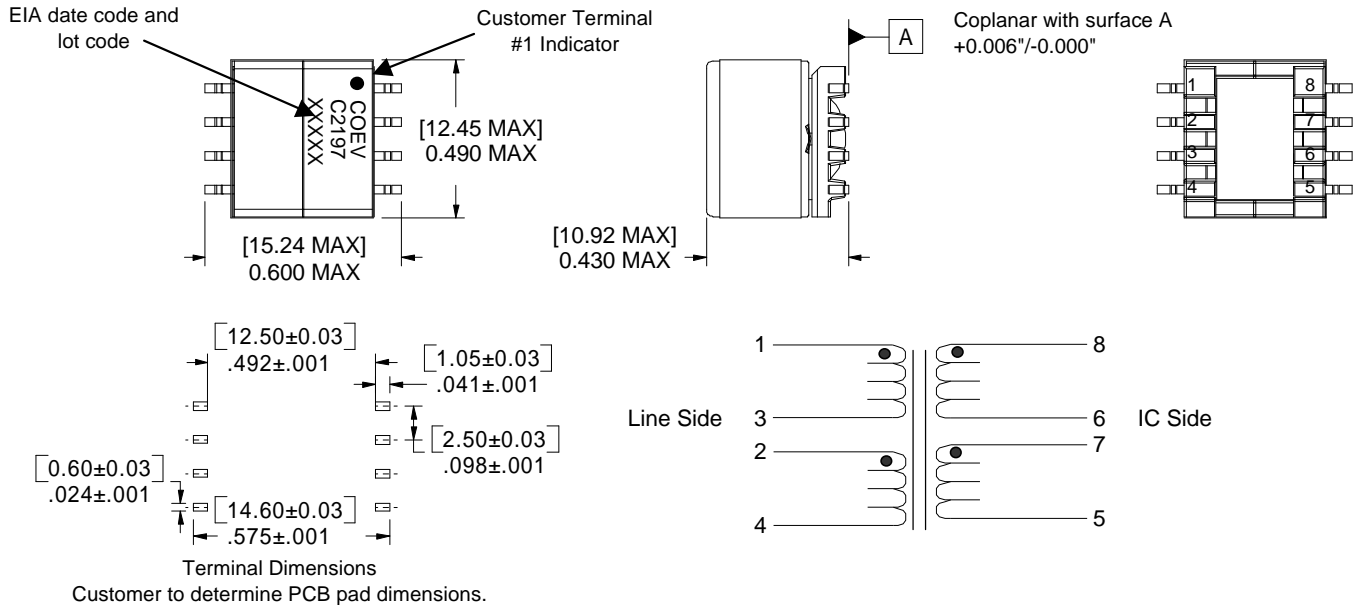
C2197



tyco Electronics

Product Description

ADSL Line Coupling Transformer, IEC60950 Supplementary 250V 850uH 1.8:1 (Line : IC), SMD EP 10



Primary units are in inches. Millimeters are in brackets.

Electrical Specifications at +20°C unless noted otherwise

Test Description	Limit	Units	Tol	Notes
Inductance	0.85	mH	±5%	1-4 tie(2+3), 10kHz, 100mVAC, 0DC, Ls.
Leakage Inductance	5.00	µH	Max.	1-4 tie(2+3, 8+5, 6+7), 100kHz, 100mVAC, Ls.
DC Resistance	0.50	Ω	±10%	1-3
DC Resistance	0.22	Ω	±10%	8-6
DC Resistance	0.65	Ω	±10%	2-4
DC Resistance	0.25	Ω	±10%	7-5
Turns Ratio	1.80: 1	---	±1%	(1-4) : (8-5), tie (2+3, 6+7)10KHz, 100mVAC.
Dielectric	1,875	VAC	500µA	1-8 tie(2+3, 6+7), 1 second test, 500µA maximum leakage current.
Total Harmonic Distortion	-85	dB	Max.	40kHz, 2.5Vrms [7.07 Vp-p], Line : IC
Insertion Loss	0.50	dB	Max.	100kHz.
Frequency Response	±1.2	dB	±50%	100kHz Reference.
Longitudinal Balance (ITU)	40.00	dB	Min.	20kHz - 1.1 MHz, Gnd pin 10.

Agency Approvals

BABT	Certificate No. NC/011474	Japan (via CB Cert.)	Certif. No. 13008
UL1950	File E189690	Austel (via CB Cert.)	Certif. No. 13008
CSA 950 (via UL/CUL)	File E189690	Sweden (via CB Cert.)	Certif. No. 13008
IEC 60950 (via CB Cert.)	Certificate No. 13008	Norway (via CB Cert.)	Certif. No. 13008

BABT

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 - Specifications subject to change without notice. For latest revision visit www.coev.net

10/30/01