

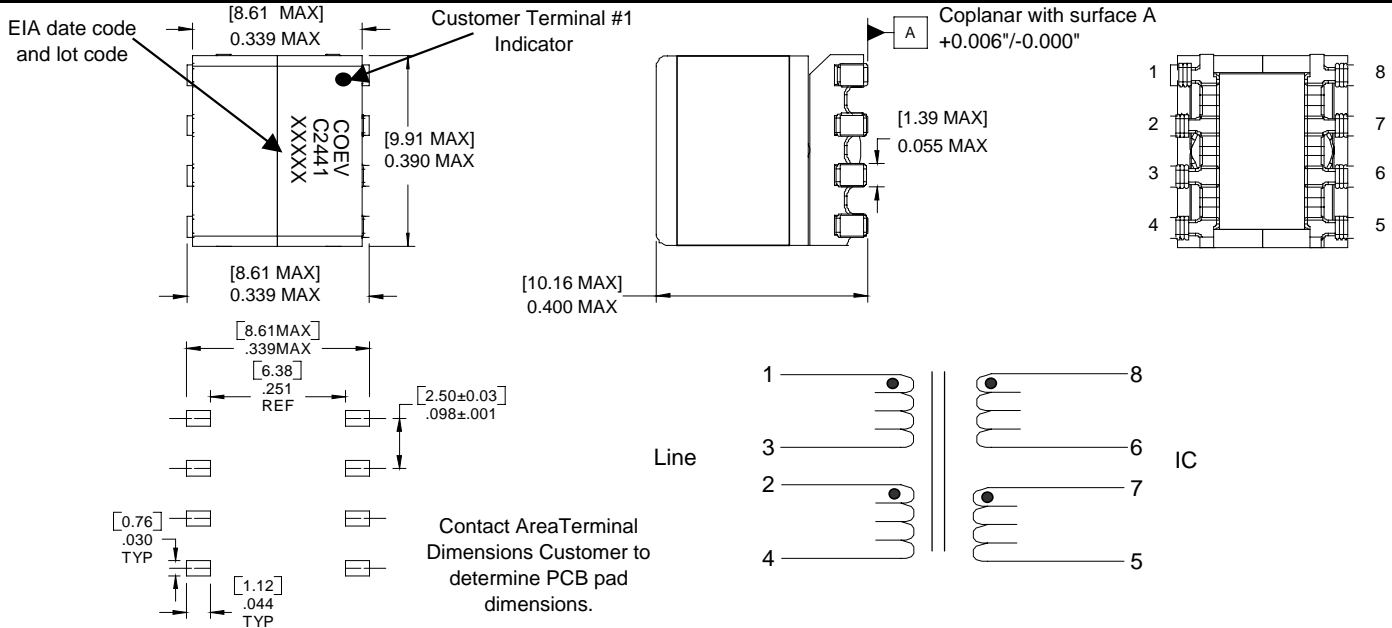
C2441

REV
F



Product Description

ADSL Line Coupling Transformer IEC60950 Supp. 250V 850uH 1.8:1 (Line : IC)



Information subject to change without notice. 08/02

Primary units are in inches. Millimeters are in brackets.

Electrical Specifications at +20°C unless noted otherwise

Test Description	Limit	Units	Tol	Notes
Inductance	850.00	μH	±5%	1-4 tie(2+3), 10kHz, 100mVAC, Ls.
Leakage Inductance	7.00	μH	Max.	1-4 tie(2+3, 6+7, 8+5), 100kHz, 100mVAC, Ls.
DC Resistance	1.70	Ω	± 10%	1-3
DC Resistance	0.60	Ω	± 10%	8-6
DC Resistance	2.15	Ω	± 10%	2-4
DC Resistance	0.64	Ω	± 10%	7-5
Turns Ratio	1.80 : 1.00	---	±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	-85.00	dB	Max.	40KHz, 2.5Vrms [7.07 Vp-p], Line : IC
Insertion Loss	0.50	dB	Max.	100kHz.
Frequency Response	±0.50	dB	---	40kHz - 1.1MHz, 100kHz Reference.
Longitudinal Balance (ITU)	40.00	dB	Min.	1.1MHz - 1.1MHz, Gnd pin 8 or 5.

Agency Approvals

BABT	Certificate No. NC/011396	Japan (via CB Cert.)	Certif. No. 12534
UL1950	File E189690	Austel (via CB Cert.)	Certif. No. 12534
CSA 950 (via UL/CUL)	File E189690	Sweden (via CB Cert.)	Certif. No. 12534
IEC 60950 (via CB Cert.)	Certificate No. 12534	Norway (via CB Cert.)	Certif. No. 12534

Patent Pending

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.tycopowercomponents.com