

# C1600

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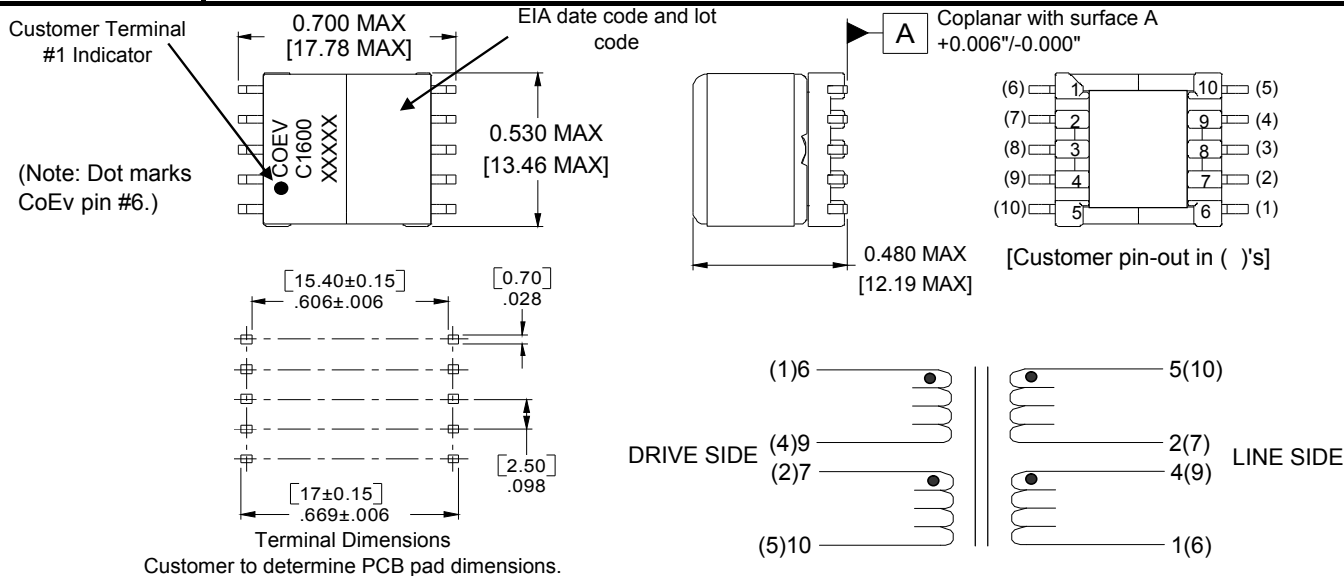
# COEV MAGNETICS

tyco Electronics

### Product Description

### Globespan ADSL Line Isolation Transformer

Meets Requirements of IEC60950 for Supplementary Insulation, 250V working voltage.



Information subject to change without notice. 01/05

Primary units are in inches. Millimeters are in brackets.

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

Test Description	Limit	Units	Tol	Notes (Test Terminals reference CoEv pin numbering)
Inductance	100.00	μH	± 5%	5-1 tie( 2+4 ), 10kHz, 100mVAC, Ls.
Leakage Inductance	10.00	μH	Max.	5-1 tie( 2+4, 7+9, 6-10 ), 100kHz, 100mVAC, Ls.
DC Resistance	0.50	Ω	Max.	5-2
DC Resistance	0.50	Ω	Max.	4-1
DC Resistance	0.50	Ω	Max.	6-9
DC Resistance	0.50	Ω	Max.	7-10
Turns Ratio	1.41:1	---	± 1%	( 5-1 ) : ( 6-10 ) tie( 4+2, 7+9 ), 10KHz, 100mVAC.
Dielectric	2050	VAC	500μA	1-10 tie( 2+4, 7+9 ), 1 second test, 500μA maximum leakage current.
Interwinding Capacitance	50.0	pF	Max.	1-10 tie( 2+4, 7+9 ), 100kHz, 100mVAC, Cs.
Total Harmonic Distortion	-90.0	dB	Max.	50kHz, 3Vp-p
Insertion Loss	0.500	dB	Max.	500kHz.
Longitudinal Balance (ITU)	50.0	dB	Min.	30kHz - 1.1MHz.

### Agency Approvals

BABT	Certificate No. NC/000047	Japan (via CB Cert.)	Certif. No. 9935
UL1950	File E189690	Austel (via CB Cert.)	Certif. No. 9935
CSA 950 (via UL/CUL)	File E189690	Sweden (via CB Cert.)	Certif. No. 9935
IEC 60950 (via CB Cert.)	Certificate No. 9935	Norway (via CB Cert.)	Certif. No. 9935



## BABT

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