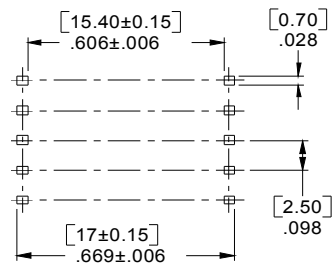
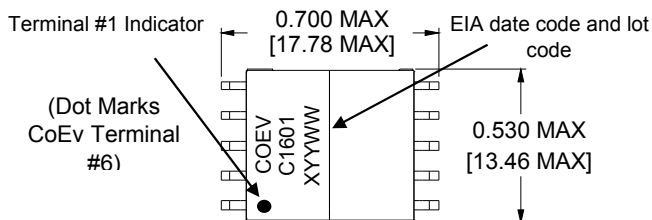
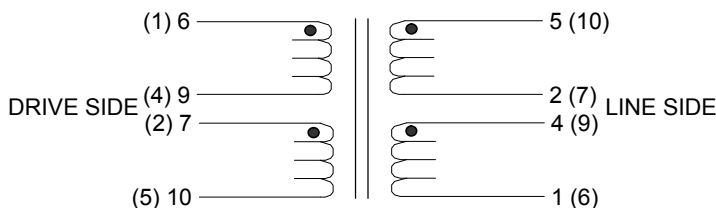
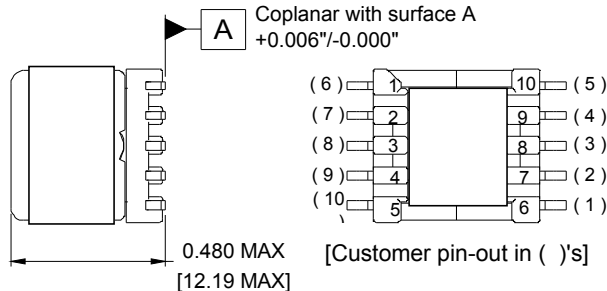


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Product Description**Globespan ADSL Line Isolation Transformer***Meets requirements of IEC60950 for supplementary insulation, 250V working voltage.*Terminal Dimensions
Customer to determine PCB pad dimensions.

Information subject to change without notice. 04/04

Primary units are in inches. Millimeters are in brackets.

Electrical Specifications at +20°C unless noted otherwise

Test Description	Limit	Units	Tol	Notes
Inductance	100	μH	±5%	5-1 tie(2+4), 10kHz, 100mVAC, 0DC, Ls.
Leakage Inductance	12.0	μH	Max.	5-1 tie (7+9, 2+4, 6+10), 100kHz, 100mVAC, Ls.
DC Resistance	0.520	Ω	Max.	5-2
DC Resistance	0.520	Ω	Max.	4-1
DC Resistance	0.240	Ω	Max.	6-9
DC Resistance	0.240	Ω	Max.	7-10
Turns Ratio	2 : 1	---	±1%	(5-1) : (6-10) tie(4+2, 7+9), 10KHz, 100mVAC.
Dielectric	2050	VAC	500μA	1-10 tie(4+2, 7+9), 1 second test, 500μA maximum leakage current.
Interwinding Capacitance	50	pF	Max.	1-10 tie(7+9, 2+4), 100kHz, 100mVAC, Cs.
Total Harmonic Distortion	-90	dB	Max.	50kHz, 3Vp-p, Line : IC
Insertion Loss	1.00	dB	Max.	500kHz.
Longitudinal Balance (ITU)	50	dB	Min.	1.1MHz

Agency Approvals

BABT	Certificate No. NC/000047	Japan (via CB Cert.)	Certif. No. 9936
UL1950	File E189690	Austel (via CB Cert.)	Certif. No. 9936
CSA 950 (via UL/CUL)	File E189690	Sweden (via CB Cert.)	Certif. No. 9936
IEC 60950 (via CB Cert.)	Certificate No. 9936	Norway (via CB Cert.)	Certif. No. 9936

BABT

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