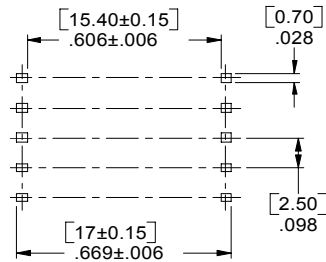
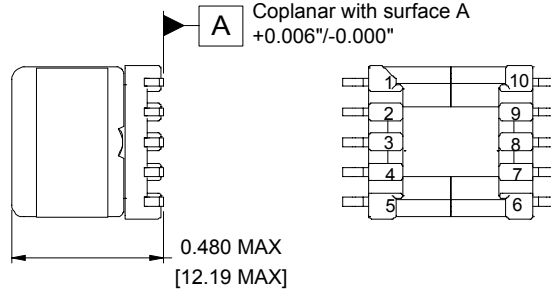
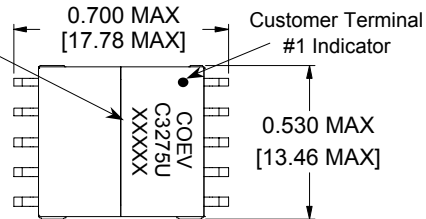
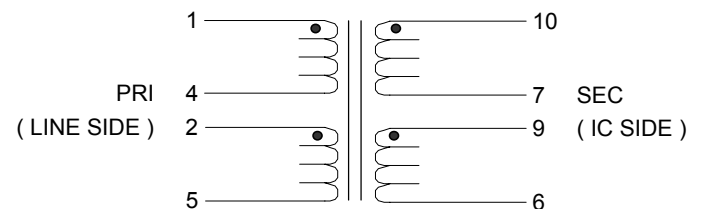


C3275U**REV****B****COEV**
MAGNETICStyco *Electronics***Product Description****2:1 EP13 ADSL Line Interface Transformer****Meets requirements of IEC60950 for supplementary insulation, 250V working voltage**

EIA date code and lot code

Terminal Dimensions
Customer to determine PCB pad dimensions.

Information subject to change without notice. 06/03

Primary units are in inches. Millimeters are in brackets.

Electrical Specifications at +20°C unless noted otherwise

Test Description	Limit	Units	Tol	Notes
Inductance	410	μH	±5%	1-5 tie(2+4), 10kHz, 100mVAC, Ls.
Leakage Inductance	10.0	μH	Max.	1-5 tie(2+4, 10+9+7+6), 100kHz, 100mVAC, Ls.
DC Resistance	0.810	Ω	±10%	1-4
DC Resistance	0.810	Ω	±10%	2-5
DC Resistance	0.260	Ω	±10%	9-6
DC Resistance	0.260	Ω	±10%	10-7
Turns Ratio	2 : 1	---	±1%	(1-5) : (10-6) tie(2+4, 7+9), 10kHz, 100mVAC.
Dielectric	1,875	VAC	500μA	1-10 tie(2+4, 7+9), 1 second test, 500μA maximum leakage current.
Total Harmonic Distortion	-75.0	dB	Max.	10kHz, 2.0Vrms [5.66Vp-p], Line : IC
Total Harmonic Distortion	-80.0	dB	Max.	40kHz, 4.0Vrms [11.3 Vp-p], Line : IC
Insertion Loss	1.00	dB	Max.	50kHz.
Longitudinal Balance (ITU)	45.0	dB	Min.	30kHz - 1.1MHz.

Agency Approvals

BABT	Certificate No. NC011232	Japan (via CB Cert.)	Certificate No. 19434
UL1950	File E189690	Austel (via CB Cert.)	Certificate No. 19434
CSA 950 (via UL/CUL)	File E189690	Sweden (via CB Cert.)	Certificate No. 19434
IEC 60950 (via CB Cert.)	Certificate No. 19434	Norway (via CB Cert.)	Certificate No. 19434

BABT

Designed to reflect 100 ohms on the Line with 25 ohms on the IC side.

Operating Temperature Range: -40°C to +85°C

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Date: 06/10/03