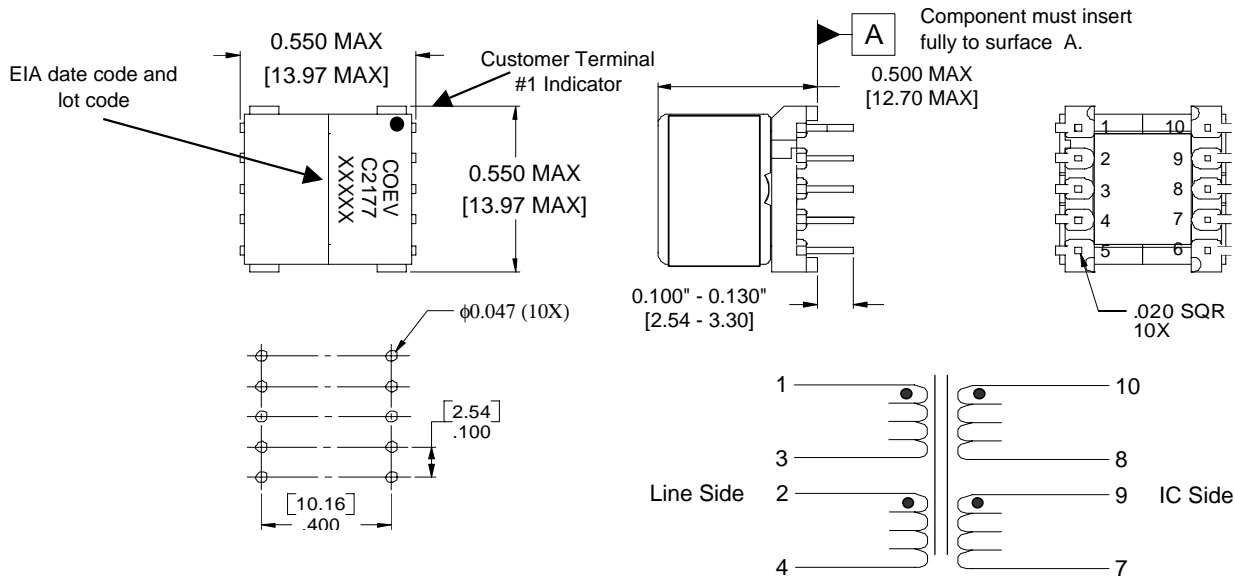


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MAGNETICS

tyco Electronics

Product Description**ADSL Line Coupling Transformer, IEC60950 Supplementary 250V
850uH, 1.8:1 (Line : IC), TH EP 13**

Information subject to change without notice. 04/02

Primary units are in inches. Millimeters are in brackets.

Electrical Specifications at +20°C unless noted otherwise

Test Description	Limit	Units	Tol	Notes
Inductance	0.85	mH	5%	1-4 tie(2+3), 10kHz, 100mVAC, 0DC, Ls.
Leakage Inductance	5.50	μ H	Max.	1-4 tie(2+3, 8+9, 10-7), 100kHz, 100mVAC, Ls.
DC Resistance	0.23	Ω	10%	10-8
DC Resistance	0.67	Ω	10%	1-3
DC Resistance	0.67	Ω	10%	2-4
DC Resistance	0.28	Ω	10%	9-7
Turns Ratio	1.8 : 1	---	1%	(1-4) : (10-7) tie(8+9, 2+3), 10KHz, 100mVAC.
Dielectric	1875.00	VAC	500 μ A	1-10 tie(2+3, 8+9), 1 second test, 500 μ A maximum leakage current.
Total Harmonic Distortion	90.00	dB	Max.	40kHz, 2.5Vrms [7.07 Vp-p], Line : IC
Insertion Loss	0.50	dB	Max.	100kHz.
Frequency Response	± 0.5	dB	500%	100kHz Reference.

Agency Approvals

Agency	Certificate No.	Country	Certif. No.
BABT	NC/011356	Japan (via CB Cert.)	11986
UL1950	File E189690	Austel (via CB Cert.)	11986
CSA 950 (via UL/CUL)	File E189690	Sweden (via CB Cert.)	11986
IEC 60950 (via CB Cert.)	Certificate No. 11986	Norway (via CB Cert.)	11986

BABT

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