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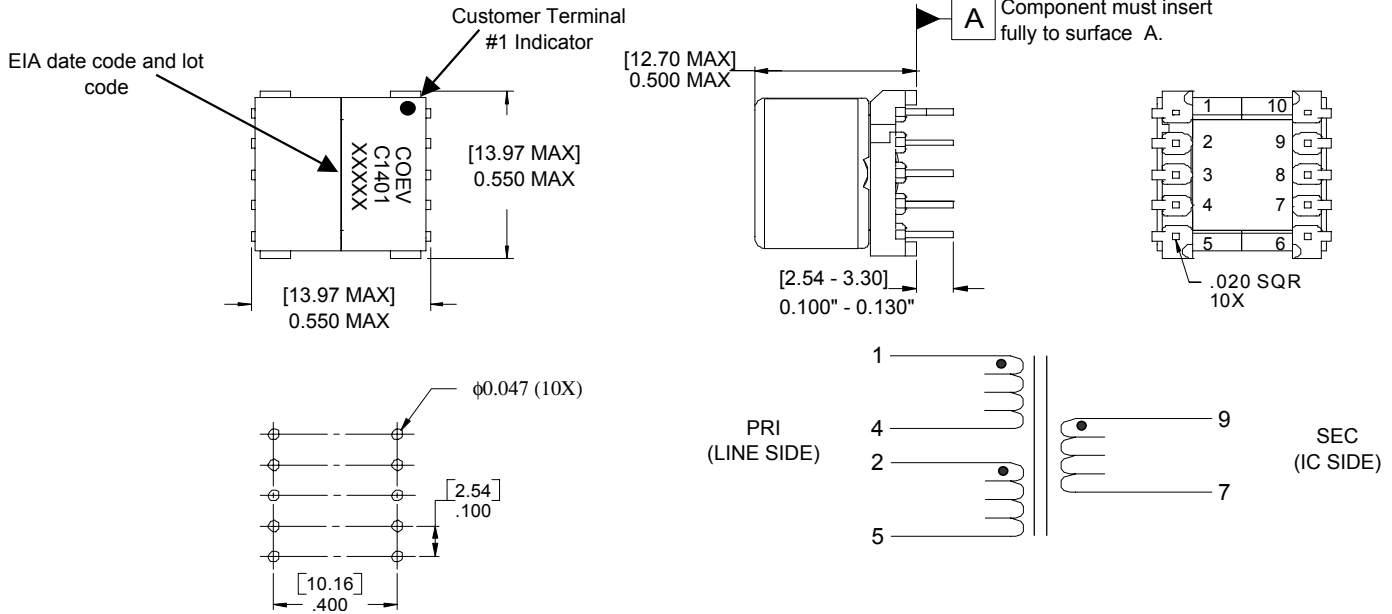
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COEV MAGNETICS

tyco Electronics

Product Description

-Designed for use with Rockwell/Booktree Chip Sets BT8921 for 1168kbps BT8970 & RS8973
for all data rates -Meets IEC950 requirements for Sup. Ins., 300V and Reinf. Ins., 150V



Information subject to change without notice. 10/03

Primary units are in inches. Millimeters are in brackets.

Electrical Specifications at +20°C unless noted otherwise

Test Description	Limit	Units	Tol	Notes
Inductance	2.00	mH	±6%	1-5 tie(4+2), 10kHz, 100mVAC, Ls.
Leakage Inductance	11.0	µH	Max.	1-5 tie(4+2) & 9+7, 10kHz, 100mVAC
DC Resistance	1.25	Ω	Max.	1-4
DC Resistance	1.25	Ω	Max.	2-5
DC Resistance	1.00	Ω	Max.	9-7
Turns Ratio	2 : 1	---	±1%	PRI : SEC
Dielectric Withstand:	2050	VRMS	---	PRI to SEC, 1second test
Direct Current in Primary:	160	mA	Max.	
Return Loss:	16.5	dB	min	40 kHz - 300 kHz
Insertion Loss (@ 20°C):	0.500	dB	Max.	@ 40 kHz
Frequency Response:	±0.100	dB	Max.	33 kHz - 110 kHz (40 kHz ref.)
Longitudinal Balance:	50.0	dB	min	40 kHz - 300 kHz
Total Harmonic Dist.:	-87.0	dB	Max.	20 kHz, 4.5 Vp-p

Agency Approvals

BABT	Certificate No. NC/06688	Japan (via CB Cert.)	Certif. No. GB481W
UL1950	File E189690	Austel (via CB Cert.)	Certif. No. GB481W
CSA 950 (via UL/CUL)	File E189690	Sweden (via CB Cert.)	Certif. No. GB481W
IEC 950 (via CB Cert.)	Certificate No. 12189	Norway (via CB Cert.)	Certif. No. GB481W

BABT

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