

# C2818

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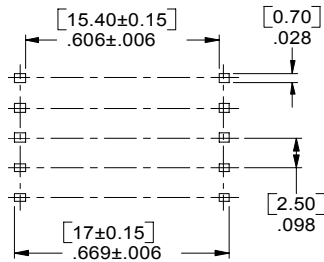
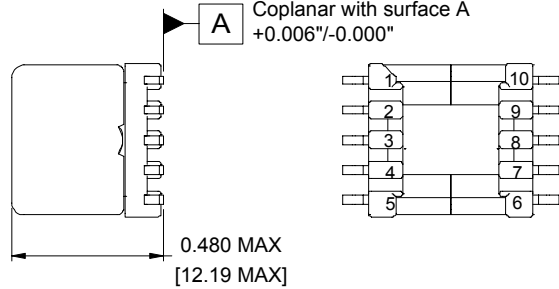
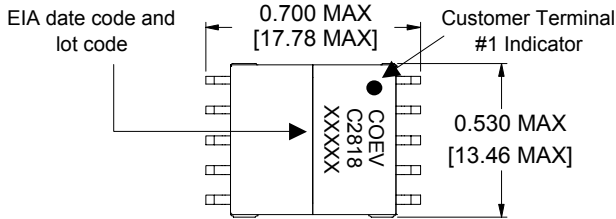
# COEV MAGNETICS

tyco Electronics

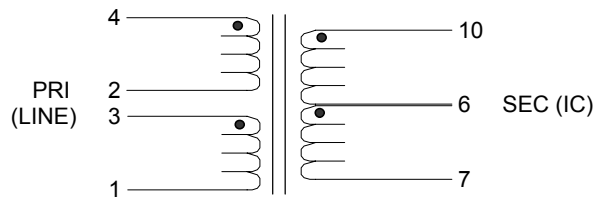
**Product Description**

### 3.14mH Line Transformer

**Designed To Meet Requirements Of IEC60950 For Supplementary Insulation, 250V**



Customer to determine PCB pad dimensions.



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	3.14	mH	±5%	4-1 tie( 2+3 ), 10kHz, 100mVAC, Ls.
Leakage Inductance	15.00	µH	Max.	4-1 tie( 2+3, 10+7 ), 100kHz, 100mVAC, Ls.
DC Resistance	1.01	Ω	±10%	4-2
DC Resistance	1.01	Ω	±10%	3-1
DC Resistance	0.40	Ω	±10%	10-7
Turns Ratio	4.00 : 1.00	---	±1%	( 4-1 ) : ( 10-7 ) tie( 2+3 ), 10KHz, 100mVAC.
Dielectric	1,875	VAC	500µA	1-10 tie( 2+3 ), 1 second test, 500µA maximum leakage current.
Interwinding Capacitance	60.00	pF	Max.	1-10 tie( 2+3, 1+4, 7+10 ), 100kHz, 100mVAC, Cs.
Total Harmonic Distortion	-80.00	dB	Max.	40kHz, 5.3Vrms [ 14.99 Vp-p ], Line : IC
Insertion Loss	0.50	dB	Max.	100kHz.

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TEL 888-978-2638 - FAX 605-886-8995 - Specifications subject to change without notice. For latest revision visit [www.tycopowercomponents.com](http://www.tycopowercomponents.com)

Date: 10/14/03