

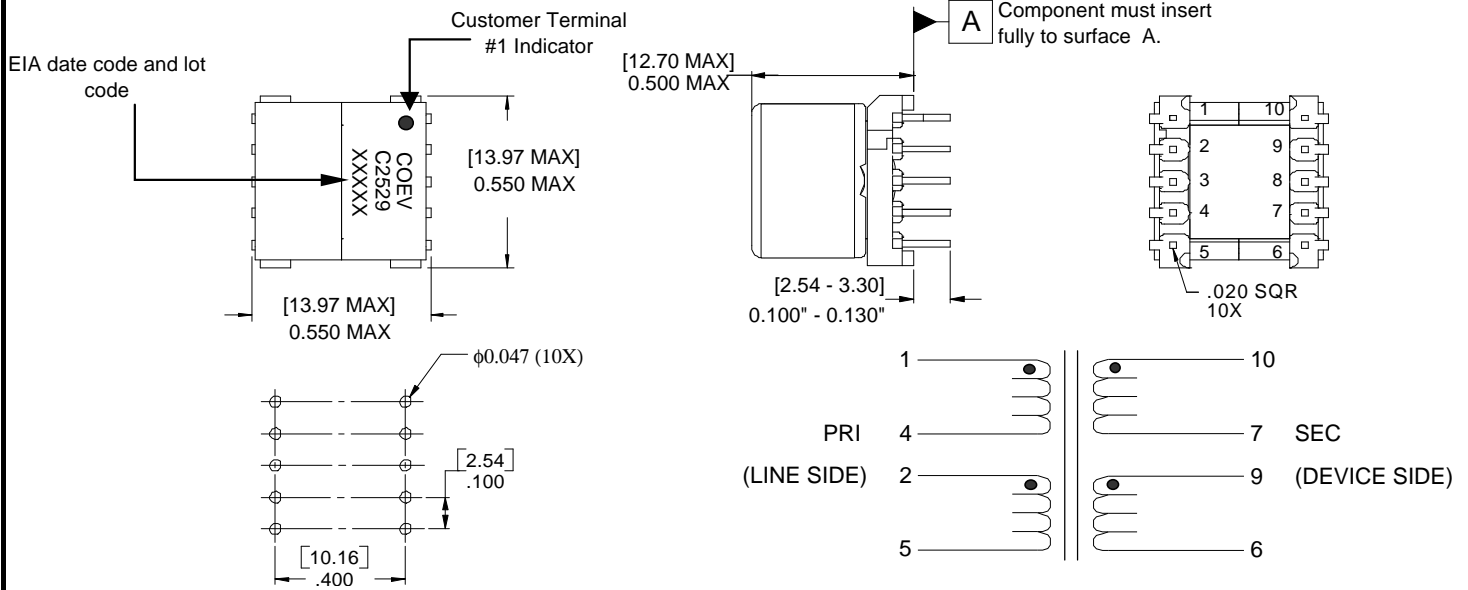
# C2529



tyco Electronics

**Product Description**

**ADSL Line Isolation Transformer (CO Side), 1:2.2, 800μH Primary Side Meets Requirements Of IEC60950 For Supplementary Insulation, 250V**



Primary units are in inches. Millimeters are in brackets.

**Electrical Specifications at +20°C unless noted otherwise**

Test Description	Limit	Units	Tol	Notes
Inductance	800.00	μH	±5%	1-5 tie( 2+4 ), 10kHz, 100mVAC, Ls.
Leakage Inductance	7.00	μH	Max.	1-5 tie( 2+4, 7+9, 6+10 ), 100kHz, 100mVAC, Ls.
DC Resistance	1.700	Ω	±10%	10-7
DC Resistance	1.700	Ω	±10%	9-6
DC Resistance	0.505	Ω	±10%	1-4
DC Resistance	0.505	Ω	±10%	2-5
Turns Ratio	0.455:1.00	---	±1%	( 1-5 ) : ( 10-6 ) tie( 2+4, 7+9 ), 10KHz, 100mVAC.
Dielectric	2,000	VAC	500μA	1-10 tie( 2+4, 7+9 ), 1 second test, 500μA maximum leakage current.
Total Harmonic Distortion	-70.00	dB	Max.	20kHz, 2.5Vrms [ 7.07 Vp-p ], Line : IC
Insertion Loss	0.50	dB	Max.	100kHz.
Longitudinal Balance (ITU)	60.00	dB	Min.	20kHz, Gnd pin 10 or 6.
Longitudinal Balance (ITU)	34.00	dB	Min.	1.1MHz, Gnd pin 10 or 6.

Designed to reflect 100 ohms on the Line with 484 ohms on the IC side.

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