

C2194



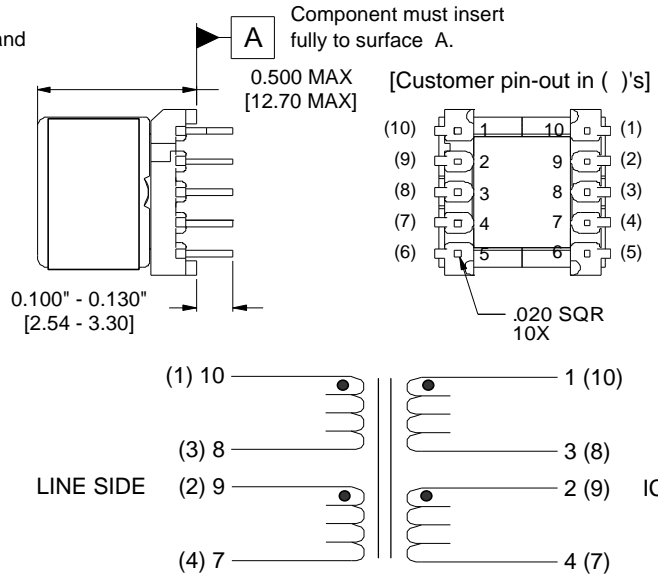
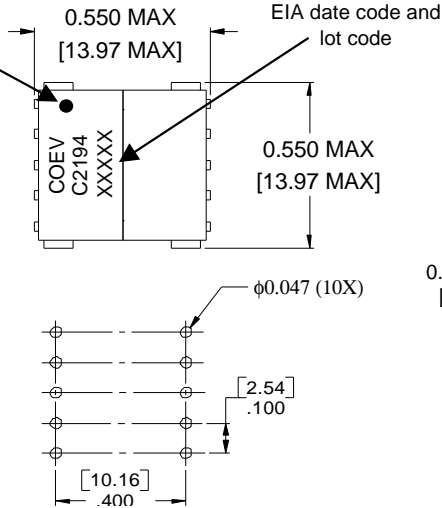
tyco Electronics

Product Description

ADSL EP13 1:1 Line Transformer

Meets the Requirements Of IEC60950 For Supplementary Insulation, 250V Working Voltage

Customer Terminal #1 Indicator (Dot Marks CoEv Terminal #10)



Primary units are in inches. Millimeters are in brackets.

Electrical Specifications at +20°C unless noted otherwise

Test Description	Limit	Units	Tol	Notes
Inductance	454.50	μ H	$\pm 7\%$	10-7 tie(9+8), 10kHz, 100mVAC, Ls.
Leakage Inductance	5.00	μ H	Max.	10-7 tie(9+8, 3+2, 1+4), 100kHz, 100mVAC, Ls.
DC Resistance	0.319	Ω	Max.	10-8
DC Resistance	0.319	Ω	Max.	9-7
DC Resistance	0.358	Ω	Max.	1-3
DC Resistance	0.358	Ω	Max.	2-4
Turns Ratio	1:1	---	$\pm 1\%$	(10-7) : (1-4) tie(9+8, 3+2), 10KHz, 100mVAC.
Dielectric	2,000	VAC	500 μ A	10-1 tie(9+8, 3+2), 1 second test, 500 μ A maximum leakage current.
Total Harmonic Distortion	-70.0	dB	Max.	20kHz, 2.5Vrms [7.07 Vp-p], Line : IC

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

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

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