

CRITCHLEY ADSL TRANSFORMERS

6A311 / 6A331



➤ For use with the following Chipsets:

TEXAS INSTRUMENTS	TNETD3000 and TNETD4000
using line drivers :	THS6012, THS6032 and THS6062

- Designed to meet EN60950 requirements for Supplementary Isolation.
- Available in Conventional and SMD Styles.

ELECTRICAL SPECIFICATION*						
Inductance $\pm 5\%$ @ 10 kHz 0.1 Vrms	Leakage Inductance @ 100 kHz 0.1 Vrms	Turns Ratio	DC Resistance (max.)		Coupling Capacitance	Isolation Voltage Primary : Secondary
1 - 4	1 - 4 (s/c 10-7)	10 - 7 : 1 - 4	1 - 4	10 - 7	10 - 7 : 1 - 4 @ 10 kHz	1 - 10 (2 secs)
1.5 mH	< 15 μH	1 : 1.423	1.8 Ω	0.8 Ω	< 35 pF	1500Vrms

* At 23°C

SCHEMATIC	MECHANICAL SPECIFICATION		
<p>Turns Ratio 1 : 1.423</p> <p>This component is tested to : IEC 68-2-14:1984 Nb (temperature range: -40°C to +125°C).</p> <p>Approximate Weight.....7 grams</p> <p><i>This component is currently under development.</i></p>	<p>Through Hole Style - 6A311</p> <p>Surface Mount Style - 6A331</p> <p>Dimensions in mm</p>		

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