

# CRITCHLEY ADSL TRANSFORMERS

## 6A310 / 6A330



➤ For use with the following Chipsets:

<b>TEXAS INSTRUMENTS</b>	<b>TNETD3000 and TNETD4000</b>
<b>using line drivers :</b>	<b>THS6012, THS6032 and THS6062</b>

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

<b>ELECTRICAL SPECIFICATION*</b>					
Inductance $\pm 5\%$ @ 10 kHz 0.1 Vrms.	Leakage Inductance @ 100 kHz 0.1 Vrms.	Turns Ratio	DC Resistance (max.)		Isolation Voltage Primary : Secondary
1 - 4	1 - 4 (s/c 10-7)	10 - 7 : 1 - 4	1 - 4	10 - 7	1 - 10 (2 secs)
<b>1.5 mH</b>	<b>&lt; 15 <math>\mu</math>H</b>	<b>1 : 1.95</b>	<b>1.0 <math>\Omega</math></b>	<b>0.6 <math>\Omega</math></b>	<b>1500Vrms</b>

\* At 23°C

<b>SCHEMATIC</b>	<b>MECHANICAL SPECIFICATION</b>		
<p>Turns Ratio 1 : 1.95</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 <i>This component is currently under development.</i></p>	<p><b>Through Hole Style - 6A310</b></p> <p><b>Surface Mount Style - 6A330</b></p> <p>Dimensions in mm</p>		

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