

# CRITCHLEY ADSL TRANSFORMERS

## 6A314 / 6A324



➤ For use with the following Chipsets:

<b>Analog Devices</b>	<b>AD20MSP910</b>
<b>Using line driver :</b>	<b>AD816</b>

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

<b>ELECTRICAL SPECIFICATION*</b>					
Inductance @ 10 kHz 0.1 Vrms.	Leakage Inductance @ 100 kHz 0.1 Vrms.	Turns Ratio	DC Resistance (max.)		Isolation Voltage Primary : Secondary
1 - 4 (s/c 2-3)	1 - 4 (s/c 2-3, 8-9, 10-7)	1 - 4 : 10 - 7 (s/c 2-3, 8-9)	1 - 4 (s/c 2-3)	10 - 7 (s/c 8-9)	1 - 10 (2 secs) (s/c 2-3, 8-9)
<b>2 - 5 mH</b>	<b>&lt; 4 μH</b>	<b>1 : 1</b>	<b>1.2 Ω</b>	<b>0.4 Ω</b>	<b>1500Vrms.</b>

\* At 23°C

SCHEMATIC	MECHANICAL SPECIFICATION		
<p style="text-align: center;"><b>Turns Ratio 1 : 1</b></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>	<div style="text-align: center; color: red; font-weight: bold;">Through Hole Style - 6A314</div> <div style="text-align: center; color: red; font-weight: bold;">Surface Mount Style - 6A324</div> <p style="text-align: center;">TOP VIEW                      SIDE VIEW                      PIN / PAD LAYOUT</p> <p style="text-align: center;">Dimensions in mm</p>		

**Pontiac Coil – Europe Ltd.**

PO Box 246  
Queens Drive Industrial Estate  
Nottingham NG2 1NQ

**United Kingdom**

Tel: +44 (0) 115 986 1126  
Fax: +44 (0) 115 986 0563

**Pontiac Coil, Inc.**

5800 Moody Drive  
Clarkston  
Michigan 48348

**USA**

Tel: +1 248 922 2203  
Fax: +1 248 922 1315

**Local Distributors available in:**

**Australia, Finland, Israel,  
Italy, Malaysia, Norway, Singapore,  
Sweden and Taiwan.**

For details contact Pontiac Coil - Europe Ltd.

[sales@pontiaccoil.co.uk](mailto:sales@pontiaccoil.co.uk)

[www.pontiaccoil.co.uk](http://www.pontiaccoil.co.uk)