

# CRITCHLEY ADSL TRANSFORMERS

## 6A448 / 6A458



➤ For use with the following chipsets:

<b>Alcatel Microelectronics (ADSL / ISDN)</b>	<b>MTK-20140 / 20131</b>
---	--------------------------

- Designed to EN60950 requirements for Supplementary Isolation (250V)
- Low Distortion / High Performance in a small footprint.

<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
10 - 7 (s/c 8-9)	10 - 7 (s/c 8-9, 1-4, 2-3)	10 - 7 : 1 - 4 (s/c 8-9, 2-3)	1 - 4 (s/c 2-3)	10- 7 (s/c 8-9)	1 - 10 (1 sec.) (s/c 2-3, 8-9)
<b>97 - 108 <math>\mu</math>H</b>	<b>5.0 <math>\mu</math>H (max)</b>	<b>1 : 1</b>	<b>0.6 <math>\Omega</math></b>	<b>0.5 <math>\Omega</math></b>	<b>2400 Vrms</b>

\* At 23°C

SCHEMATIC	MECHANICAL SPECIFICATION		
<p style="text-align: center;">Turns Ratio 1 : 1</p> <p>Approximate Weight.....7 grams</p>	<p style="text-align: center; color: red;"><b>Through Hole Style - 6A448</b></p> <p style="text-align: center; color: red;"><b>Surface Mount Style - 6A458</b></p> <p style="text-align: center;">Dimensions in mm</p> <p style="text-align: center;">TOP VIEW                      SIDE VIEW                      PIN / PAD LAYOUT</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)