

CRITCHLEY ADSL TRANSFORMERS

6A411 / 6A431



- For use with the following Chipsets:

| | |
|--------------------------|--------------------------------|
| Texas Instruments | TNETD3000 and TNETD4000 |
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- Designed to meet EN60950 requirements for Supplementary Isolation.
- Available in both 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 @ 10kHz | 1 - 10 (1 sec.) |
| 1.5 mH | < 15 μH | 1 : 1.423 | 1.8 Ω | 0.8 Ω | < 35 pF | 1875Vrms |

* 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 style="text-align: center; color: red;">Through Hole Style - 6A411</p> <p style="text-align: center; color: red;">Surface Mount Style - 6A431</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

www.pontiaccoil.co.uk