

# CRITCHLEY ADSL TRANSFORMERS 6A413



- For use with the following:

**TEXAS INSTRUMENTS TNETD4000C A.T. ADSL CHIPSET**

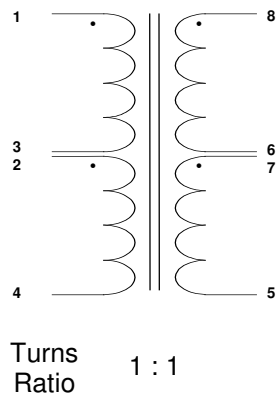
- Designed to meet EN60950 requirements for Supplementary Isolation.
- Low Distortion / High Performance in a small footprint.

## ELECTRICAL SPECIFICATION\*

Inductance @ 10 kHz 1.0 Vrms.	Leakage Inductance @ 100 kHz 0.1 Vrms.	Turns Ratio	DC Resistance (max.)		Isolation Voltage Primary : Secondary
			1 - 4 (s/c 2-3)	8 - 5 (s/c 6-7)	
1 - 4 (s/c 2-3)	1 - 4 (s/c 2-3, 6-7, 8-5)	1 - 4 : 8 - 5 (s/c 2-3, 6-7)	1 - 4 (s/c 2-3)	8 - 5 (s/c 6-7)	1 - 8 (1 sec.) (s/c 2-3, 6-7)
<b>350 - 394 <math>\mu</math>H</b>	<b>6.0 <math>\mu</math>H (max)</b>	<b>1 : 1</b>	<b>2.0 <math>\Omega</math></b>	<b>0.7 <math>\Omega</math></b>	<b>1875 Vrms</b>

\* At 23°C

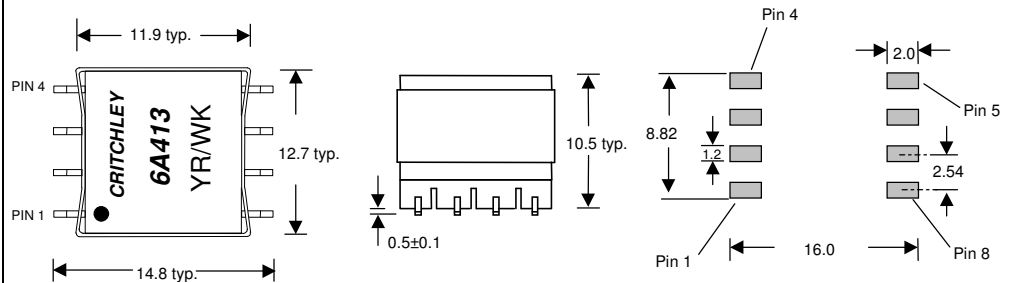
## SCHEMATIC



Approximate Weight.....5 grams

## MECHANICAL SPECIFICATION

### Surface Mount Style – 6A413



TOP VIEW

SIDE VIEW

RECOMMENDED  
PAD LAYOUT

### 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)