

# PONTIAC COIL DSL TRANSFORMERS

## 6A470



- For use with the following:

**Centillum Technologies *CopperFlite™* and *CopperLite™* ADSL chipsets**  
**Analog Devices AD20MSP910 and AD20MSP918 ADSL chipsets**

- Customer Premise (C.P.E.) Line coupling transformer.
- Designed to meet EN60950 requirements for Supplementary Isolation.

### ELECTRICAL SPECIFICATION\*

Inductance @ 10kHz 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)	10 - 7 (s/c 8-9)	
1 - 4 (s/c 2-3)	1 - 4 (s/c 2-3, 8-9, 10-7)	1 - 4 : 10 - 7	1 - 4 (s/c 2-3)	10 - 7 (s/c 8-9)	1 - 10 (1 sec.)
<b>5.0 mH ± 10%</b>	<b>&lt; 18.0 µH</b>	<b>1 : 1</b>	<b>3.00 Ω</b>	<b>3.00 Ω</b>	<b>1875 Vrms</b>

\* At 23°C

SCHEMATIC	MECHANICAL SPECIFICATION		
<p>Turns Ratio 1 : 1</p> <p><i>This component is currently under development :</i></p> <p>Approximate Weight.....7 grams</p>	<b>Surface Mount Style – 6A470</b>		
	<p>TOP VIEW</p>	<p>SIDE VIEW</p>	<p>PAD LAYOUT</p>
	Dimensions in mm		

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