

# PONTIAC COIL DSL TRANSFORMERS

## 6A485



- For use with the following:

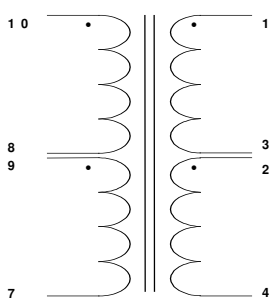
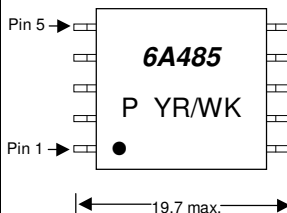
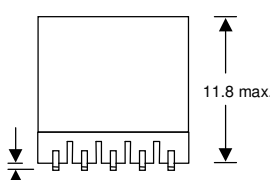
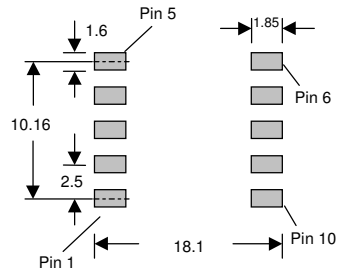
**Alcatel Microelectronics MTK20850 ADSL chipset**

- Central Office (C.O.) 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
10 - 7 (s/c 8-9)	10 - 7 (s/c 8-9, 1-4, 2-3)	10 - 7 : 1 - 4	10 - 7 (s/c 8-9)	1 - 4 (s/c 2-3)	1 - 10 (1 sec.)
<b>450 <math>\mu</math>H <math>\pm</math> 5%</b>	<b>&lt; 6.0 <math>\mu</math>H</b>	<b>1.4 : 1</b>	<b>1.50 <math>\Omega</math></b>	<b>0.85 <math>\Omega</math></b>	<b>1875 Vrms</b>

\* At 23°C

SCHEMATIC	MECHANICAL SPECIFICATION	
 <p style="text-align: center;">Turns Ratio 1.4 : 1</p> <p style="text-align: center;"><i>This component is currently under development :</i></p> <p>Approximate Weight.....7 grams</p>	<p style="text-align: center; color: red;"><b>Surface Mount Style – 6A485</b></p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>TOP VIEW</p> </div> <div style="text-align: center;">  <p>SIDE VIEW</p> </div> <div style="text-align: center;">  <p>PAD LAYOUT</p> </div> </div> <p style="text-align: center;">Dimensions in mm</p>	

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