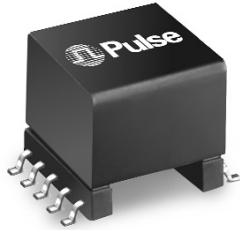


# ADSL LINE TRANSFORMERS

## For ST Microelectronics Chipsets



- Approved by ST Microelectronics for use with Centaure ST70136, ST70137 and ST70235 chipsets
- Excellent THD performance in a small footprint
- UL 1950 approved for supplementary insulation requirements for working voltage up to 250Vrms

### Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

Part Number	Application	Mounting	Turns Ratio (± 2%)	OCL @ 10 KHz, 0.1 V (1-4) with (2-3) shorted	Leakage Inductance @ 100 kHz, 0.1 V (1-4) with (2-3, 7-10, 8-9), shorted
B2323	CPE	SMT	1CS:1CS	480 µH (± 10%)	5.3 µH MAX

### Additional Specifications

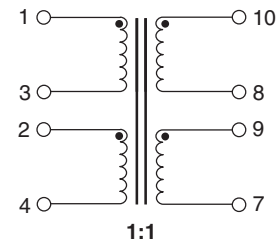
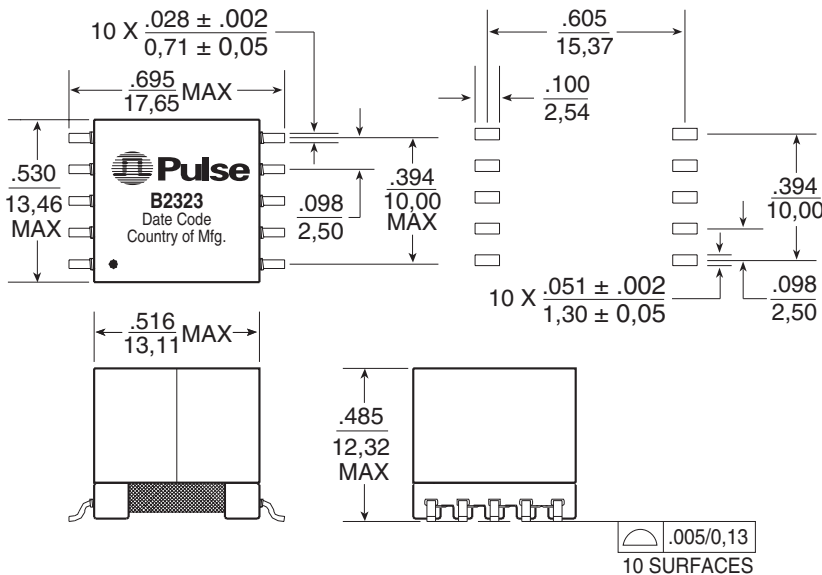
Part Number	DC Resistance		Isolation Voltage (Vrms)	Longitudinal Balance (dB MAX)	THD (dB MAX)
	(1-4)(w/2-3 shorted)	(10-7)(w/8-9 shorted)			
B2323	2.0 Ω MAX	2.2 Ω MAX	1500	-55	-80

NOTE: Transformers are shipped in trays unless Tape & Reel is specified. Please add the suffix "T" (i.e. B2323T) for Tape & Reel orders.

### Mechanical

### Schematic

#### B2323



Weight ..... .62 grams  
 Tray ..... .60/tray

Dimensions:  $\frac{\text{Inches}}{\text{mm}}$   
 Unless otherwise specified,  
 all tolerances are  $\pm \frac{.010}{0,25}$

### For More Information :

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**B818.A (3/03)**