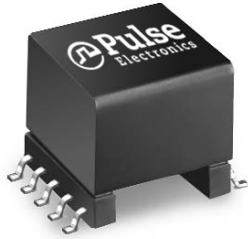


ADSL Line Transformers

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 voltages 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
B2205	B2205NL	SMT	0	480 µH (± 10%)	5.3 µH MAX

Additional Specifications

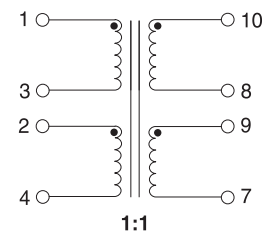
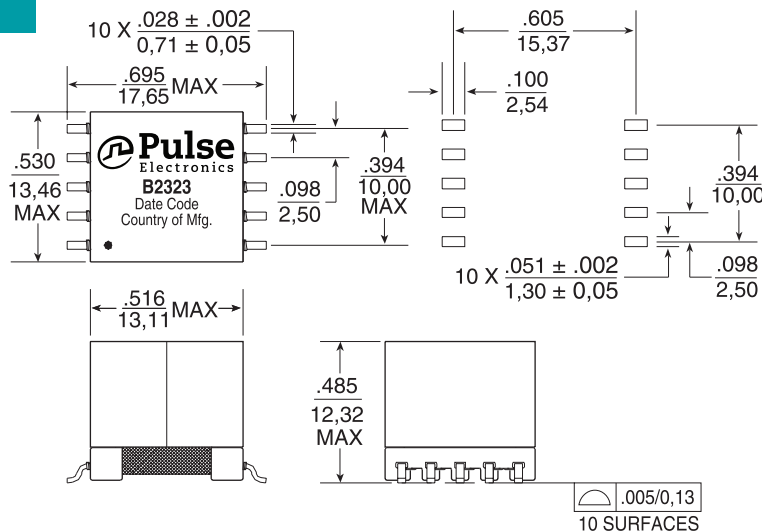
Part Number	DC Resistance		Isolation Voltage (Vrms)	Longitudinal Balance (dB MAX)	THD (dB MAX)
	(1-4)(w/2-3 shorted)	(10-7)(w/8-9 shorted)			
B2323	2.0 Ω MAX	2.2 Ω MAX	1500	-55	-80

Notes: 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



Weight6.2 grams
Tray60/tray

Dimensions: $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified,
all tolerances are ± $\frac{.010}{0,25}$

For More Information

Pulse Worldwide Headquarters
12220 World Trade Drive
San Diego, CA 92128
U.S.A.

Pulse Europe
Einsteinstrasse 1
D-71083 Herrenberg
Germany

Pulse China Headquarters
B402, Shenzhen Academy of
Aerospace Technology Bldg.
10th Kejinan Road
High-Tech Zone
Nanshan District
Shenzhen, PR China 518057
Tel: 86 755 33966678
Fax: 86 755 33966700

Pulse North China
Room 2704/2705
Super Ocean Finance Ctr.
2067 Yan An Road West
Shanghai 200336
China
Tel: 86 21 62787060
Fax: 86 2162786973

Pulse South Asia
135 Joo Seng Road
#03-02
PM Industrial Bldg.
Singapore 368363
Tel: 65 6287 8998
Fax: 65 6287 8998

Pulse North Asia
3F, No. 198
Zhongyuan Road
Zhongli City
Taoyuan County 320
Taiwan R. O. C.
Tel: 886 3 4356768
Fax: 886 3 4356823 (Pulse)
Fax: 886 3 4356820 (FRE)

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