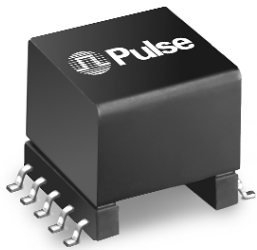


ADSL LINE TRANSFORMERS

For GlobeSpan ADSL CPE Chipsets



- Matched to GlobeSpan's ATLAS and SLADE chipsets
- Excellent THD performance in a small footprint
- Designed to meet UL1950 and EN60950 supplementary insulation requirements for working voltages up to 250 Vrms

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

Part Number	Chipset	Annex	Turns Ratio Chip - Line (±2%)	Inductance - Line Side @ 10 kHz, 100 mV (10-6) with (9-7) shorted	Leakage Inductance - Line Side @ 300 kHz, 0.1 Vrms (10-6) with (1,2,4,5) and (9-7) shorted	DC Resistance	
						Chip Side (1-5) with (2-4) shorted	Line Side (10-6) with (7-9) shorted
BX2260	Slade	A & C	1CS:2CS	440 µH ±5%	10 µH MAX	≤ 0.80 Ω	≤ 1.25 Ω
B2429	Atlas	A & C	1CS:1.6CS	440 µH ±5%	10 µH MAX	≤ 0.90 Ω	≤ 1.15 Ω
B2436	Atlas	B	1CS:1.6CS	100 µH ±5%	10 µH MAX	≤ 0.60 Ω	≤ 0.90 Ω

Additional Electrical Specifications

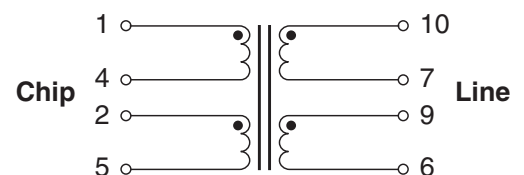
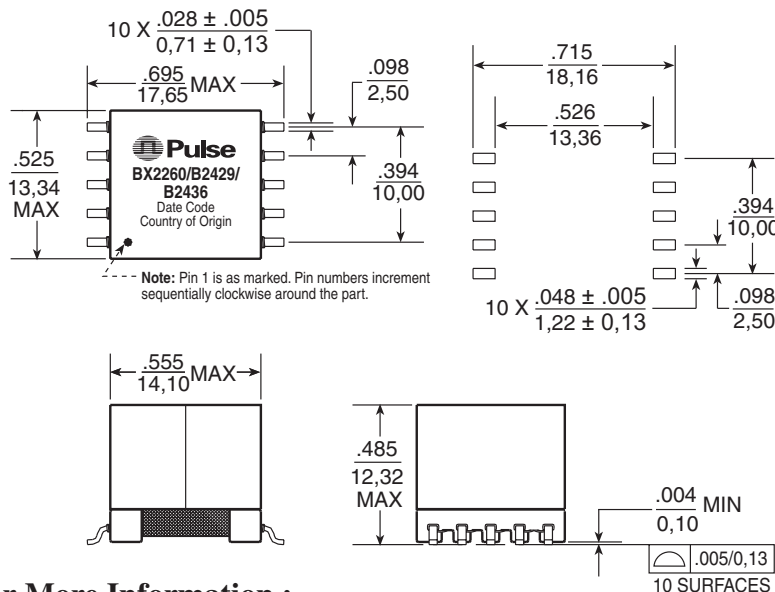
Part Number	Longitudinal Balance (from 20 kHz to 1 MHz)	THD at 100 Ω (@ 100 kHz, 4.242 Vrms)	Insertion Loss at 100 Ω (from 150 kHz to 1.1 MHz)	Interwinding Capacitance (@ 300 kHz, 0.1 Vrms)	Isolation Voltage (1 sec)
BX2260	≤ -50 dB	≤ -85 dB	≤ 0.60 dB	≤ 50 pF	1,875 Vrms
B2429	≤ -50 dB	≤ -85 dB	≤ 0.60 dB	≤ 50 pF	1,875 Vrms
B2436	≤ -50 dB	≤ -85 dB	≤ 0.60 dB	≤ 50 pF	1,875 Vrms

NOTE: Transformers are shipped in trays unless Tape & Reel packaging is specified by adding the suffix "T" to the part number (i.e. BX2260T).

Mechanical

Schematic

BX2260/B2429/B2436



Weight 6.2 grams
Tape & Reel 150/reel
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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