

ADSL DLC TRANSFORMER

For GlobeSpan CO Chipsets



- For use in Remote Terminal (RT) applications such as Digital Loop Carriers (DLC) and Multiple Dwelling Units (MDU)
- Small footprint minimizes board space
- Matched to GlobeSpan's Titanium™ Fourte RT, Titanium™ FourtePlus ILD, and ATLAS chipsets

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

Part Number	Mounting	Turns Ratio Chip - Line (±2%)	Inductance @ 100 kHz, 0.1 Vrms (4-6)	Leakage Inductance @ 100 kHz, 0.1 Vrms (4-6)	DC Resistance	
					Chip Side (1-3)	Line Side (4-6)
BX2367	SMT	1:2	530 µH ±5%	15 µH MAX	≤ 0.46 Ω	≤ 1.62 Ω

Additional Electrical Specifications

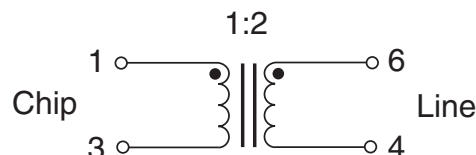
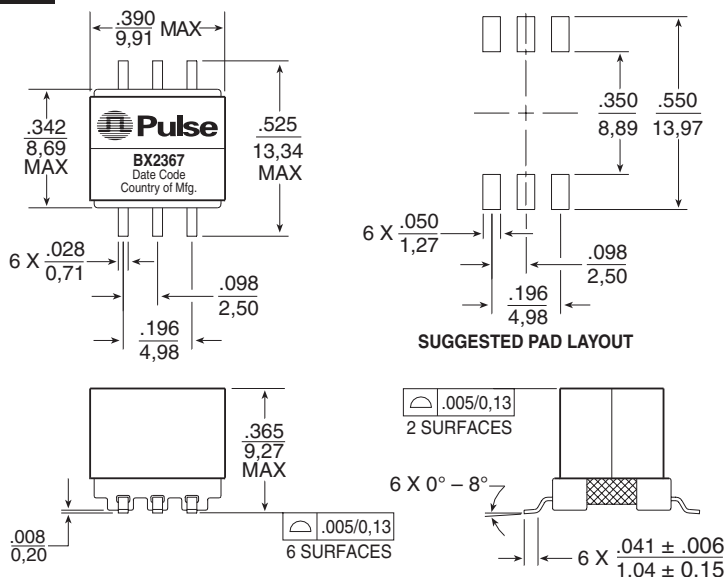
Part Number	Total Harmonic Distortion (@ 50 kHz, 100 Ω)	Insertion Loss (@ 100 kHz)	Interwinding Capacitance (@ 100 kHz)	Isolation Voltage (6 sec)
BX2367	≤ -70 dB (2.5 Vpp)	≤ 0.50 dB	≤ 100 pF	650 Vrms

NOTE: Transformers are shipped in trays unless Tape & Reel packaging is specified by adding the suffix "T" to the part number (i.e. BX2367T).

Mechanical

Schematic

BX2367



Weight 2.7 grams
Tape & Reel 400/reel
Tray 80/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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