

ADSL LINE TRANSFORMER

For Infineon GEMINAX Chipset



- Matched to Infineon PEB22716 — dual line driver for the GEMINAX Octal chipsets PEB55508 and PEB22720 and Broadband SLIC PEB4565³
- Designed to comply with EN60950² supplementary insulation requirements for working voltages up to 250 Vrms
- Compact footprint for high density board layouts

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

Part Number ¹	Turns Ratio (Line:Chip)	OCL Primary (mH ±5%)	Leakage Inductance (µH MAX)	Isolation Voltage (Vrms)	DCR Primary (1-3 & 2-4) (Ω MAX)	DCR Secondary (7-5 & 8-6) (Ω MAX)	THD @ 10kHz, 5 Vrms (dB MIN)	THD @ 30kHz, 5 Vrms (dB MIN)
BX2274J	1 : 1.33	1.4	5.0	1500	4.00	3.00	-65	-85

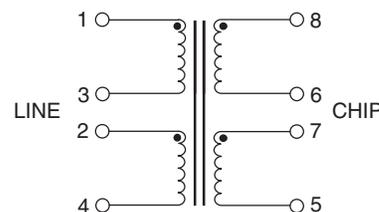
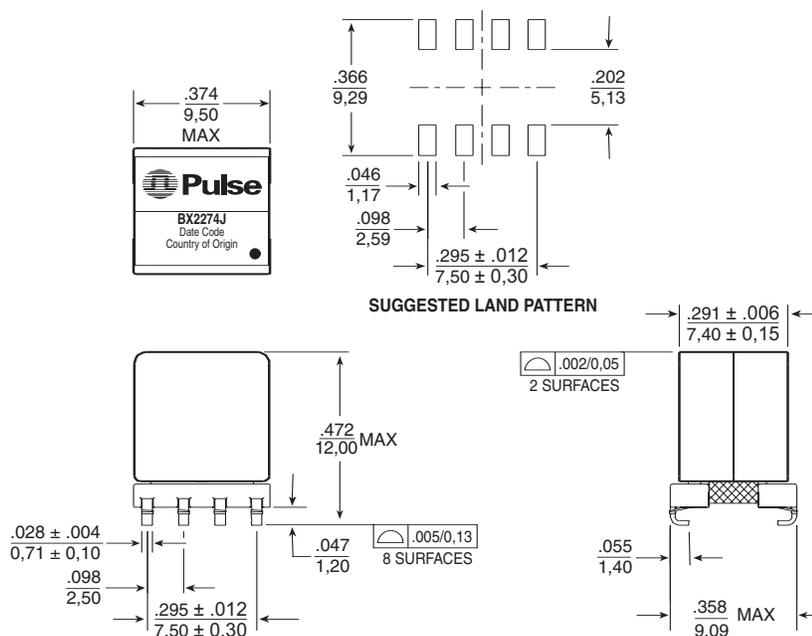
NOTES:

1. Transformers are shipped in trays, unless Tape & Reel packaging is specified by adding the suffix "T" to this part number (BX2274JT)
2. Alternative FUNCTIONAL insulation versions for specific CO applications are available on request (**BX2293C** and **BX2293W**).
3. Both 6.8mH and 20mH coupled line inductors are also available. Please contact Pulse Applications Engineering.

Mechanical

Schematic

BX2274J



Weight 3.8 grams
 Tape & Reel175/reel
 Tray105/tray

Dimensions: $\frac{\text{Inches}}{\text{mm}}$
 Unless otherwise specified, all tolerances are $\pm \frac{.004}{0.10}$

For More Information :

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