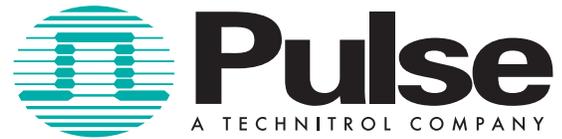


ADSL LINE TRANSFORMER

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

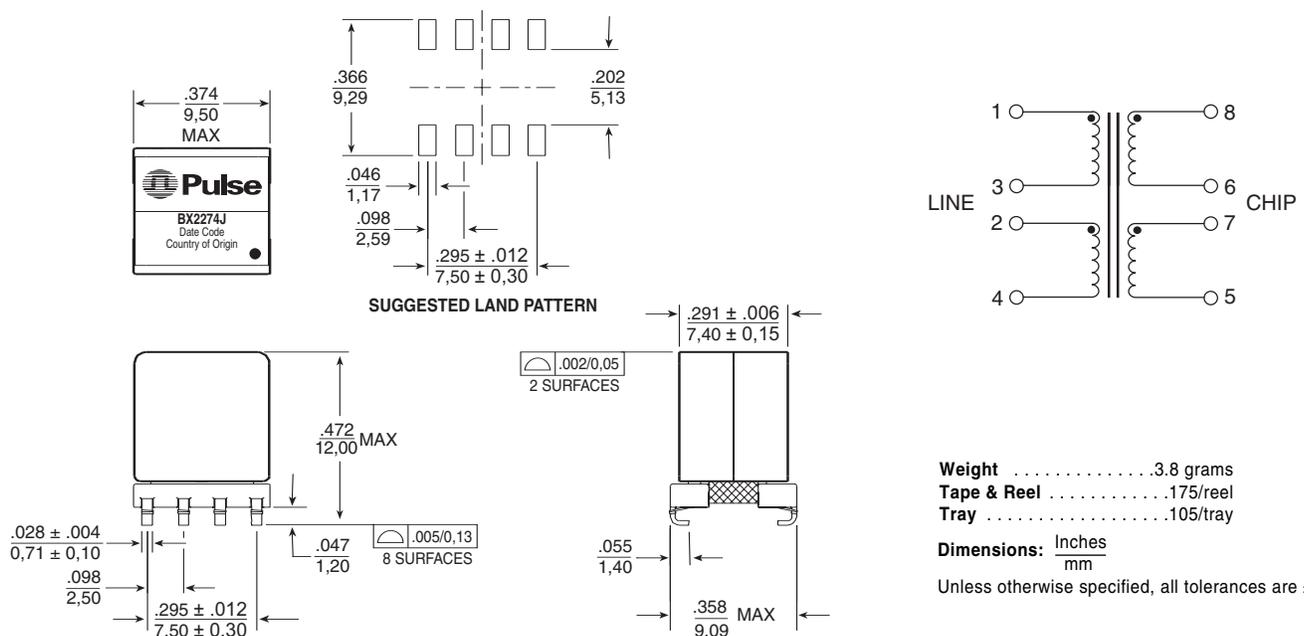
NOTES:

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



For More Information :

UNITED STATES (Worldwide)	UNITED KINGDOM (Northern Europe)	FRANCE (Southern Europe)	SINGAPORE (Southern Asia)	TAIWAN, R.O.C. (Northern Asia)	HONG KONG (China/Hong Kong)	DISTRIBUTOR
12220 World Trade Drive San Diego, CA 92128 U.S.A. http://www.pulseeng.com TEL: 858 674 8100 FAX: 858 674 8262	1 & 2 Huxley Road The Surrey Research Park Guildford, Surrey GU2 5RE United Kingdom TEL: 44 1483 401700 FAX: 44 1483 401701	Zone Industrielle F-39270 Orgelet France TEL: 33 3 84 35 04 04 FAX: 33 3 84 25 46 41	150 Kampong Ampat #07-01/02 KA Centre Singapore 368324 TEL: 65 6287 8998 FAX: 65 6280 0080	3F-4, No. 81, Sec. 1 HsinTai Wu Road Hsi-Chih, Taipei Hsien Taiwan, R.O.C. Tel: 886 2 2698 0228 FAX: 886 2 2698 0948	9/F, Phase 2, Tai Sang Shatin Warehouse Centre 6 Wong Chuk Yeung Street Fotan, Shatin, Hong Kong TEL: 852 2788 6588 FAX: 852 2776 1055	

Performance warranty of products offered on this data sheet is limited to the parameters specified. Data is subject to change without notice. Other brand and product names mentioned herein may be trademarks or registered trademarks of their respective owners.