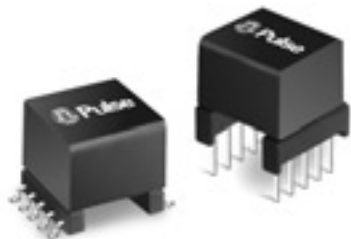


ADSL LINE TRANSFORMERS

For Texas Instruments' CPE Chipsets



- Matched to Texas Instruments' AP5, AR5 and AU5 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	Mounting	Turns Ratio (1-4):(10-7) (± 2%)	DC Resistance (Ω)		Leakage Inductance @ 100 kHz, 0.1 Vrms MAX (1-4) with (7-10) shorted	Inductance @ 100 kHz, 1 V (1-4)
			(1-4)	(10-7)		
BX2361	THT	2:1	≤ 2.00	≤ 0.55	15 μH	1.5 mH ±5%
BX2382 ¹	SMT	2:1	≤ 2.00	≤ 0.55	15 μH	1.5 mH ±5%

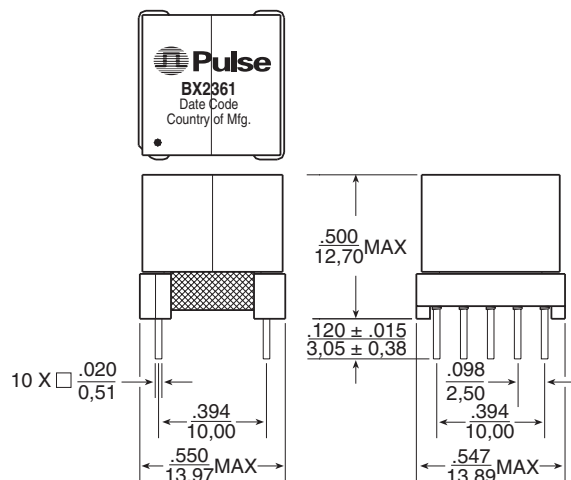
Additional Specifications

Part Number	THD (@ 100 kHz, 5.3 Vrms)	Load Resistance (Ω)	Isolation Voltage (Vrms)	Longitudinal Balance (from 30 kHz to 1.1 MHz)
BX2361	≤ -80 dB	100	1500	≤ -60 dB
BX2382 ¹	≤ -80 dB	100	1500	≤ -60 dB

¹ Transformers are shipped in trays, unless Tape & Reel packaging is specified by adding the suffix "T" to this part number (BX2382T).

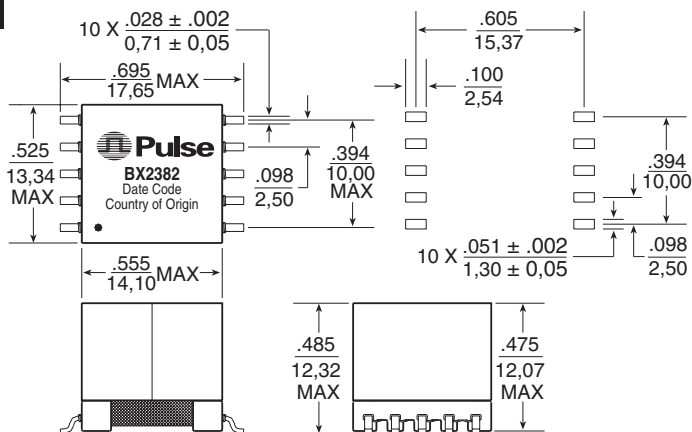
Mechanicals

BX2361



Weight 6.2 grams
Tray65/tray

BX2382



Weight 6.2 grams
Tray60/tray

Schematic



Dimensions: $\frac{\text{Inches}}{\text{mm}}$ Unless otherwise specified, all tolerances are $\pm \frac{.010}{.25}$

For More Information :

UNITED STATES (Worldwide)

12220 World Trade Drive
San Diego, CA 92128
U.S.A.
http://www.pulseeng.com
TEL: 858 674 8100
FAX: 858 674 8262

UNITED KINGDOM (Northern Europe)

1 & 2 Huxley Road
The Surrey Research Park
Guildford, Surrey GU2 5RE
United Kingdom
TEL: 44 1483 401700
FAX: 44 1483 401701

FRANCE (Southern Europe)

Zone Industrielle
F-39270
Orgelet
France
TEL: 33 3 84 35 04 04
FAX: 33 3 84 25 46 41

SINGAPORE (Southern Asia)

150 Kampong Ampat
#07-01/02
KA Centre
Singapore 368324
TEL: 65 287 8998
FAX: 65 280 0080

TAIWAN, R.O.C. (Northern Asia)

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

HONG KONG (China/Hong Kong)

19/F, China United Plaza
1008 Tai Nan West Street
Cheung Sha Wan, Kowloon
Hong Kong, China
TEL: 852 2788 6588
FAX: 852 2776 1055

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