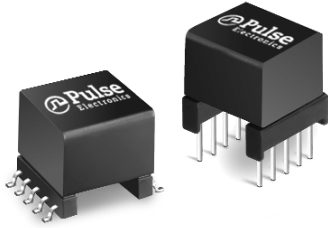


ADSL Line Transformers

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

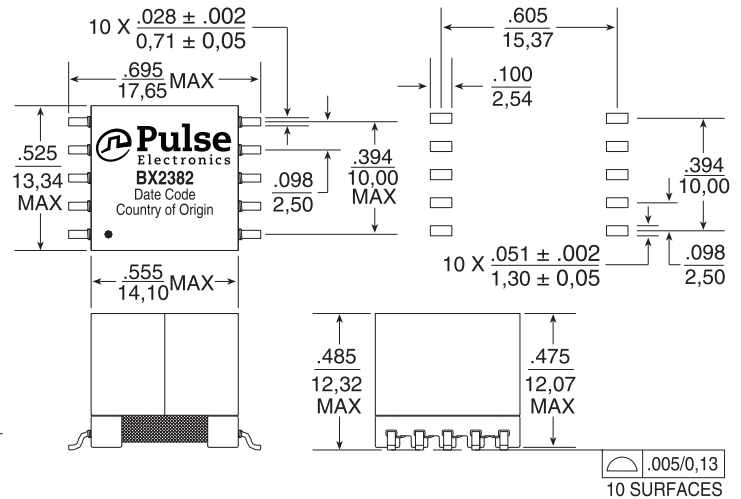
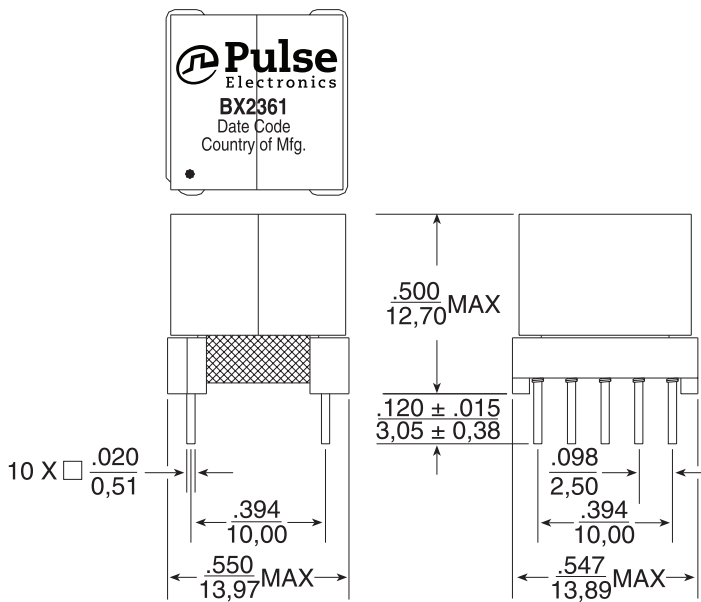
Part Number	THD (@ 100 kHz, 5.3 Vrms)	Load Resistance (Ω)	Isolation Voltage (Vrms)	Longitudinal Balance (from 30 kHz to 1.1 MHz)
BX2361	≤ -80 dB	100	1500	≤ -60 dB
BX2382 ¹	≤ -80 dB	100	1500	≤ -60 dB

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

Mechanicals

BX2361

BX2382



Weight6.0 grams
Tray65/tray

Weight6.2 grams
Tray65/tray

Dimensions: $\frac{\text{Inches}}{\text{mm}}$ Unless otherwise specified, all tolerances are $\pm \frac{.010}{0,25}$

USA 858 674 8100

Germany 49 7032 7806 0

Singapore 65 6287 8998

Shanghai 86 21 62787060

China 86 755 33966678

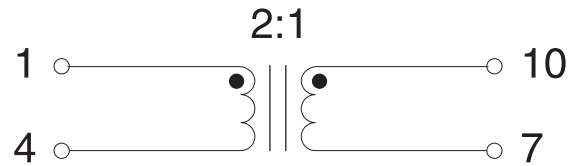
Taiwan 886 3 4356768

ADSL Line Transformers

For Texas Instruments' CPE Chipsets

Schematic

BX2361 / BX2382



For More Information

Pulse Worldwide Headquarters

12220 World Trade Drive
San Diego, CA
92128
U.S.A.

Tel: 858 674 8100
Fax: 858 674 8262

Pulse Europe

Einsteinstrasse 1
D-71083 Herrenberg
Germany

Tel: 49 7032 78060
Fax: 49 7032 7806 135

Pulse China Headquarters

B402, Shenzhen Academy of
Aerospace Technology Bldg.
10th Kejinan Road
High-Tech Zone
Nanshan District
Shenzhen, PR China
518057
Tel: 86 755 33966678
Fax: 86 755 33966700

Pulse North China

Room 2704/2705
Super Ocean Finance
Ctr.
2067 Yan An Road
West
Shanghai 200336
China

Tel: 86 21 62787060
Fax: 86 2162786973

Pulse South Asia

135 Joo Seng Road
#03-02
PM Industrial Bldg.
Singapore 368363

Tel: 65 6287 8998
Fax: 65 6287 8998

Pulse North Asia

3F, No. 198
Zhongyuan Road
Zhongli City
Taoyuan County 320
Taiwan R. O. C.
Tel: 886 3 4356768
Fax: 886 3 4356823 (Pulse)
Fax: 886 3 4356820 (FRE)

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