



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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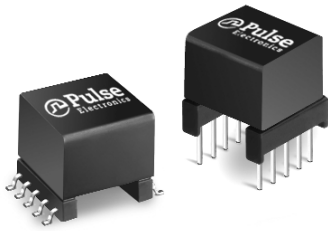
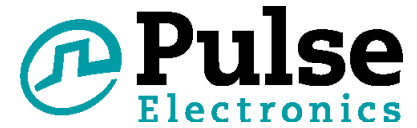
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ADSL Line Transformers

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

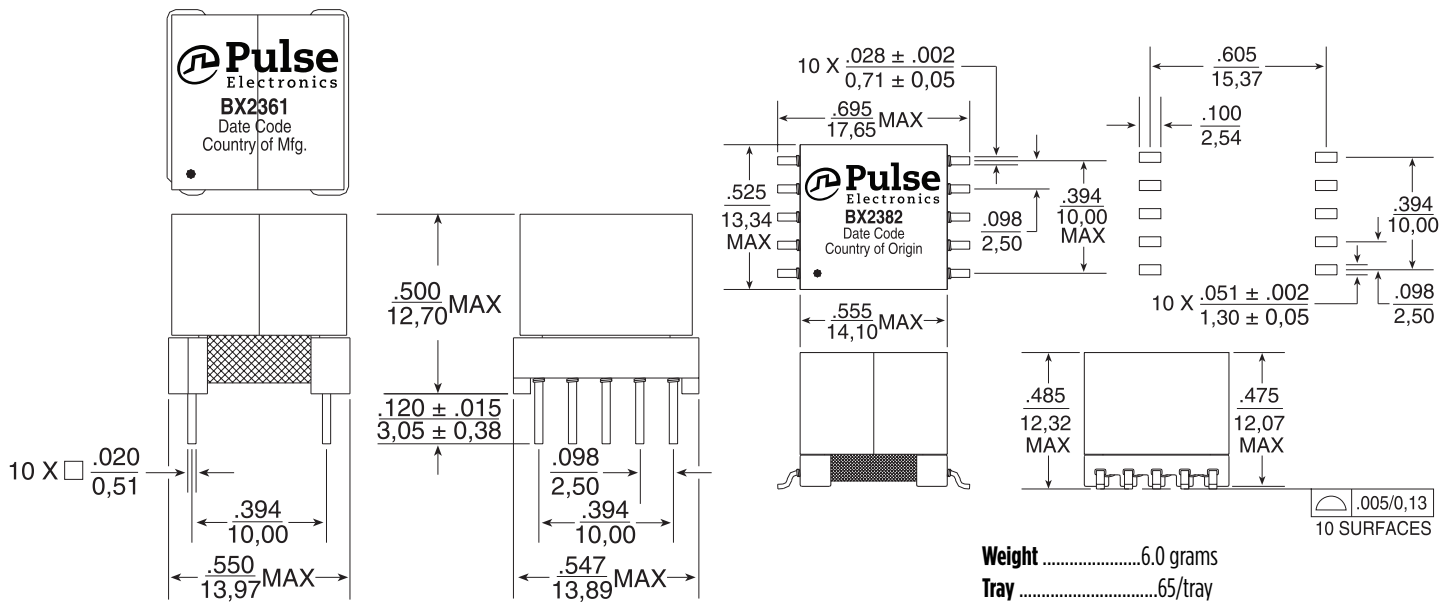
Part Number	THD (@ 100 kHz, 5.3 Vrms)	Load Resistance (Ω)	Isolation Voltage (Vrms)	Longitudinal Balance (from 30 kHz to 1.1 MHz)
BX2361	≤ -80 dB	100	1500	≤ -60 dB
BX2382 ¹	≤ -80 dB	100	1500	≤ -60 dB

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

Mechanicals

BX2361

BX2382



USA 858 674 8100

Germany 49 7032 7806 0

Singapore 65 6287 8998

Shanghai 86 21 62787060

China 86 755 33966678

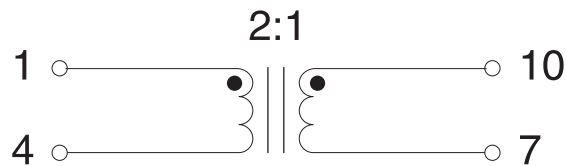
Taiwan 886 3 4356768

ADSL Line Transformers

For Texas Instruments' CPE Chipsets

Schematic

BX2361 / BX2382



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