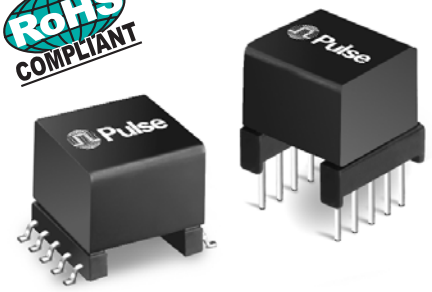
ADSL LINE TRANSFORMERS



- Recommended by Analog Devices for use with their AD20msp910/AD20msp918 ADSL Chipsets
- Excellent THD performance in a small footprint
- Approved to UL1950 and EN60950 supplementary insulation requirements for working voltages up to 250Vrms

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

RoHS-5 Compliant Part No.	RoHS-6 Compliant Part No.	Mounting	Turns Ratio (±2%)	OCL @ 10kHz, 0.1V (mH ±10%)		Leakage Inductance @ 100kHz, 0.1V (MAX) (1-4) with 2-3, 8-9, 10-7 shorted	Longitudinal Balance (25kHz - 1.1MHz)
				(1-4) w/2-3 shorted	(10-7) w/8-9 shorted		
B2031	B2031NL	THT	1:1	5.0	5.0	18.0µH	40dB MIN
B2032	B2032NL	SMT	1:1	5.0	5.0	18.0µH	40dB MIN

Additional Specifications

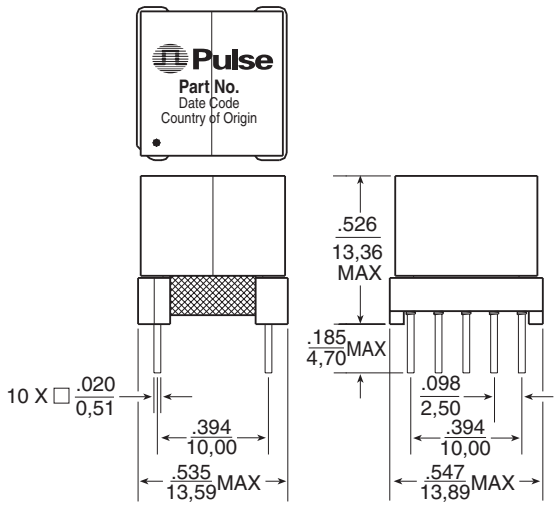
RoHS-5 Compliant Part No.	RoHS-6 Compliant Part No.	THD (Linearity)	Load Resistance (Ω)	DC Resistance (1-4), (10-7)	Isolation Voltage (Vrms)	Insertion Loss [1] (dB @ 100kHz)
B2031	B2031NL	-80dB @ 30kHz	100	3Ω MAX	1500	<0.5
B2032	B2032NL	-60dB @ 300kHz	100	3Ω MAX	1500	<0.5

[1] **FrequencyResponse:** ± 1.0 dB MAX, from 30 kHz to 1.1 MHz.

NOTE: Please add the suffix "**T**" for Tape & Reel orders (i.e. B2032 becomes B2032**T** and B2032NL becomes B2032NL**T**).

Mechanicals

B2031 / B2031NL

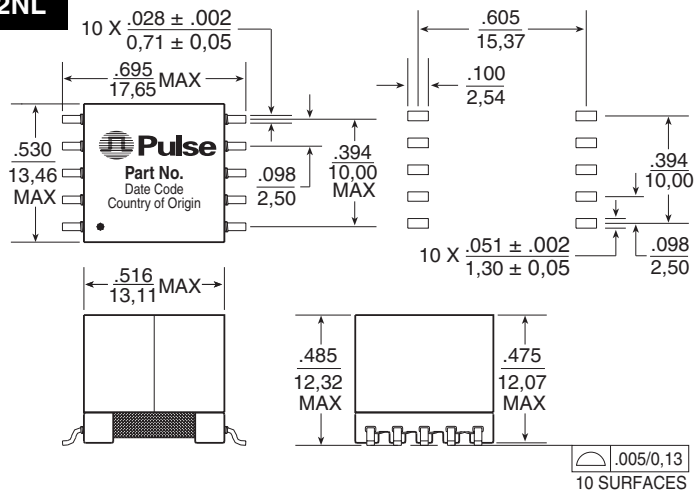


Weight . . . . . .6.2 grams

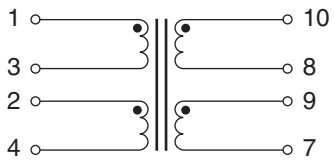
Tray 60/tray

Dimensions: Inches / mm Unless otherwise specified, all tolerances are ± .010 / 0,25

B2032 / B2032NL



Schematic



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