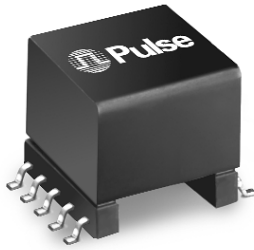


ADSL LINE TRANSFORMERS



- For use with Analog Devices AD20msp930 ADSL Chipset (Central Office)
- 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	Application	Turns Ratio (10-7):(1-4) (± 2%)	OCL @ 10 KHz, 0.1 V (mH - MIN)		Leakage Inductance @ 100 KHz, 0.1 V (MAX) (10-7) with 2-3, 1-4, 8-9 shorted	Longitudinal Balance (10 KHz - 1.1 MHz)
				(1-4) with 2-3 shorted	(10-7) with 8-9 shorted		
B2162	SMT	CO	1:1.1	2.03	1.75	7.5 µH	50 dB MIN

Additional Specifications

Part Number	THD Typical (Linearity)	Load Resistance (Ω)	DC Resistance (Ω - MAX)		Isolation Voltage (Vrms)	Insertion Loss ¹ (dB @ 300 KHz)
			(1-4) with 2-3 shorted	(10-7) with 8-9 shorted		
B2162	-80 dB @ 30 KHz	100	1.30	1.50	1500	<0.5

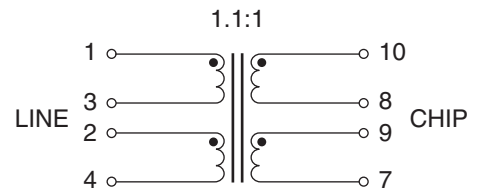
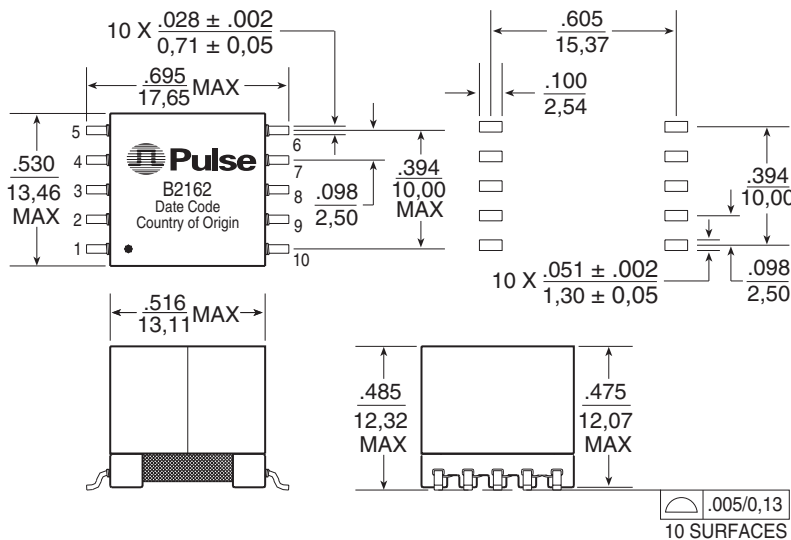
¹ Frequency Response: ± 1.0 dB MAX, from 30 KHz to 1.1 MHz.

² Transformers are shipped in trays, unless Tape & Reel packaging is specified by adding the suffix "T" to this part number (B2162T)

Mechanical

Schematic

B2162



Weight 6.2 grams

Tape & Reel 150/reel

Tray 60/tray

Dimensions: $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified, all tolerances are ± $\frac{.010}{0.25}$

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PRELIMINARY B957.P (2/00)