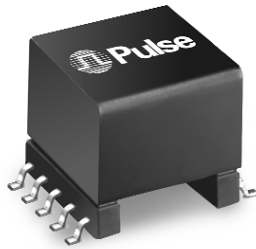


G.SHDSL LINE TRANSFORMER

For Use with Virata Chipsets



- Matched to Virata's Aluminum™ G.SHDSL chipset
- Maximum height .485" (12,32 mm)
- Designed to meet UL 1950 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 Line - Chip (±2%)	Inductance - Line Side @ 10 kHz, 100 mV (9-6) with (8-7) shorted	Leakage Inductance @ 100 kHz, 0.1 Vrms (2-4) with (9,8,7,6) shorted	DC Resistance	
					Line Side (9-8) = (7-6)	Chip Side (2-4)
B1078	SMT	1CT:2CS	4.0 mH ±10%	8 µH MAX	≤ 3.8 Ω	≤ 3.6 Ω

Additional Electrical Specifications

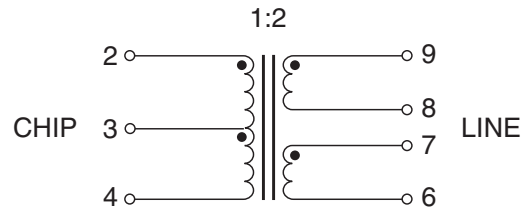
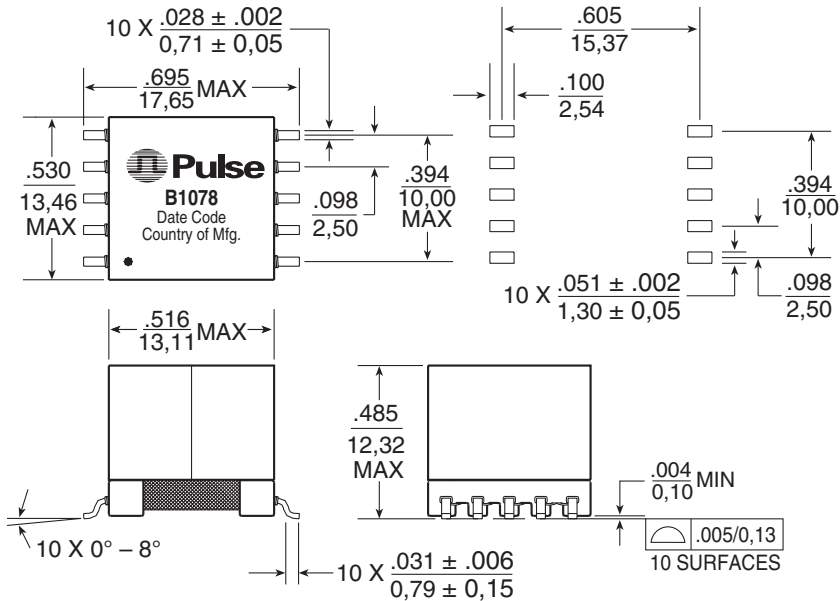
Part Number	Longitudinal Balance (300 kHz)	THD (@ 50 kHz, 4 Vpp)	Return Loss (40 kHz - 300 kHz)	Isolation Voltage (Vrms)
B1078	≤ -55 dB	≤ -55 dB	≥ 16.5 dB	1500

NOTE: Transformers are shipped in trays unless Tape & Reel packaging is specified by adding the suffix "T" to the part number (i.e. B1078T).

Mechanical

Schematic

B1078



Weight 6.2 grams
 Tray60/tray
 Dimensions: Inches
 mm
 Unless otherwise specified,
 all tolerances are ± .010
 0,25

For More Information :

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PRELIMINARY B973.P (9/01)