

SHDSL/HDSL2/HDSL4 LINE TRANSFORMER

For Use with GlobespanVirata Chipset



- Matched to GlobespanVirata Orion Chipset
- Excellent THD performance
- Designed to meet UL 60950, IEC 60950, and GR1089 for supplementary insulation requirements for working voltages up to 250 Vrms

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

Part Number	Turns Ratio Chip-Line (± 2%)	Inductance Line Side (1-5) with (2-4) shorted	Leakage Inductance (1-5) with (2-4) & (9-7) shorted	Isolation Voltage	
				(1-5) to (9-7)	(1-5)
B1074B	1:5.4	3.00 mH ±6%	15 µH MAX	1500 Vrms MIN	600 Vrms MIN

Additional Electrical Specifications

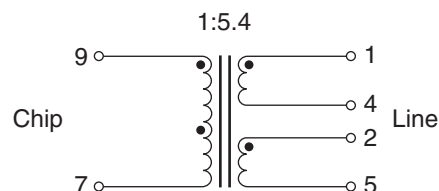
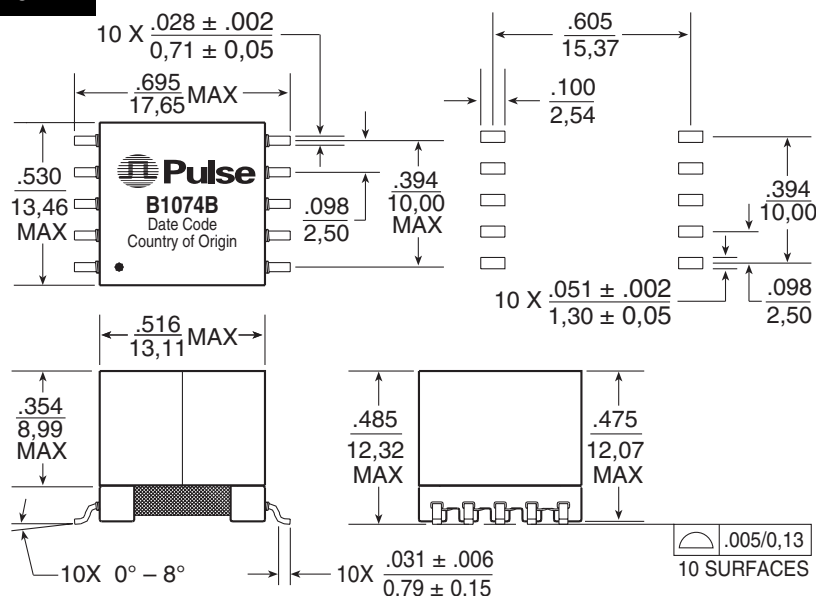
Part Number	DCR Line Side (1-5) with (2-4) shorted	DCR Chip Side (9-7)	Return Loss 135 Ω Line Side (40-500 kHz)	Longitudinal Balance (20-500 kHz)	THD (4 Vrms @ 5 kHz)
B1074B	4.2 Ω (MAX)	.35 Ω (MAX)	15 dB MIN	55 dB MIN	-79 dB MAX

NOTE: Transformers are shipped in trays, unless Tape & Reel packaging is specified by adding the suffix "T" to the part number (ex: B1074BT).

Mechanical

Schematic

B1074B



Weight 6.2 grams

Tray60/tray

Dimensions: Inches
mm

Unless otherwise specified,
all tolerances are ± .010
0,25

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