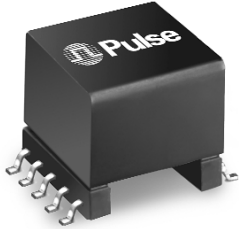


HDSL2 LINE TRANSFORMER

For Use with GlobeSpan Chipset



- Matched to GlobeSpan G2237 HDSL2 Chipset
- Excellent THD performance
- 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	Matched To GlobeSpan IC Number	Turns Ratio Chip-Line ($\pm 2\%$)	Inductance Line Side (10-6)(w/7-9 shorted)	Leakage Inductance (10-6)(w/7-9,1-5 shorted)	Isolation Voltage (Vrms MIN)
B1053	G2237	1CT:2.2CS	3.00 mH $\pm 5\%$	10 μ H MAX	2500

Additional Electrical Specifications

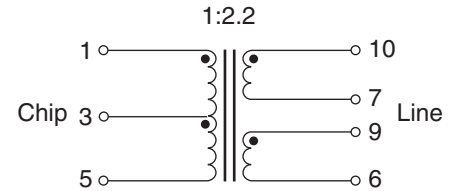
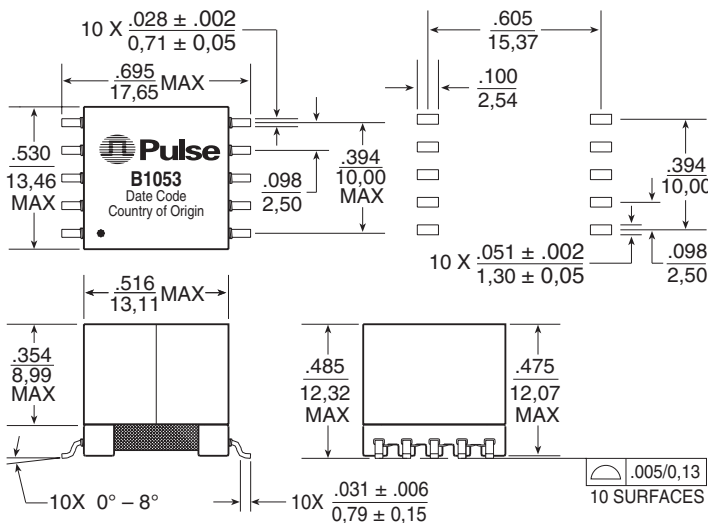
Part Number	DCR Line Side (10-7)=(6-9)	DCR Chip Side (1-5)	Longitudinal Balance (dB MIN @ 135 Ω)	THD (db TYP @ 135 Ω)
B1053	1.25 Ω (MAX)	1.10 Ω (MAX)	60 @ 20-250 KHz	-70 (40 KHz, 1.84 V p-p)

NOTE: Transformers are shipped in trays, unless Tape & Reel packaging is specified by adding the suffix "T" to the part number (ex: B1053T)

Mechanical

Schematic

B1053



Weight6.2 grams
 Tray60/tray

Dimensions: $\frac{\text{Inches}}{\text{mm}}$
 Unless otherwise specified,
 all tolerances are $\pm \frac{.010}{0,25}$

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