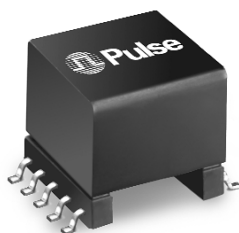


HDSL TRANSFORMER

For Level One Chipsets



- Matched to Level One's ICs SK70704/06 and SK70721/25
- Excellent THD performance
- Maximum height .485" (12,32 mm)
- Approved to 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 Level One IC Numbers	Application (Kbps)	Turns Ratio Chip-Line (± 2%)	Inductance Line Side (10-7)(w/6-9 shorted)	Leakage Inductance (10-7)(w/6-9, 1-4, 2-5 shorted)	Isolation Voltage (Vrms MIN)
B1013	SK70704/06 & SK70721/25	784	1CTS:1.8CTS	3.00 mH ± 10%	30 µH MAX	2000

Additional Information

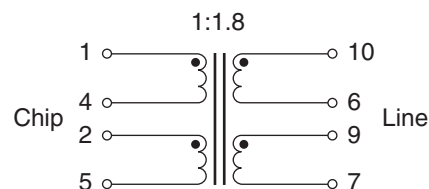
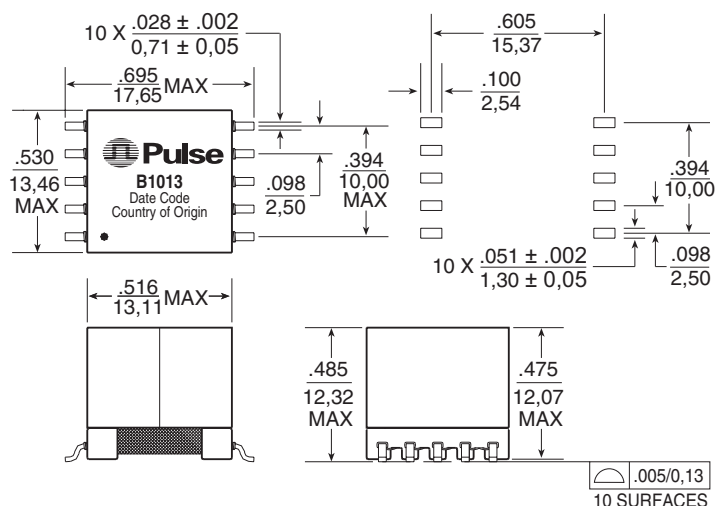
Part Number	DCR Line Side (10-6)=(9-7)	DCR Chip Side (1-5)(w/2-4 shorted)	Return Loss (40 -200 KHz)	Longitudinal Balance (dB MIN @ 135 Ω)	THD (db TYP @ 135 Ω)
B1013	1.5 Ω (MAX)	2.3 Ω (MAX)	16.5 dB MIN	50 @ 5-196 KHz	-75 (5 KHz, 6 V p-p)

NOTE: Transformers are shipped in trays, unless Tape & Reel packaging is specified by adding the suffix "T" to the part number (ex: B1013T)

Mechanicals

Schematic

B1013



Weight6.2 grams

Tray60/tray

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

Unless otherwise specified,
all tolerances are ± $\frac{.010}{0,25}$

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