

HYBRID VDSL TRANSFORMER

For Use With Infineon VDSL 2-band, 4-band and 10Base-S Chipsets



- Approved and recommended by Infineon for use with PEF22810/11/15/25 VDSL and 10Base-S chipsets
- Hybrid transformer for VDSL Applications
- Designed to meet IEC950 supplementary insulation requirements

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

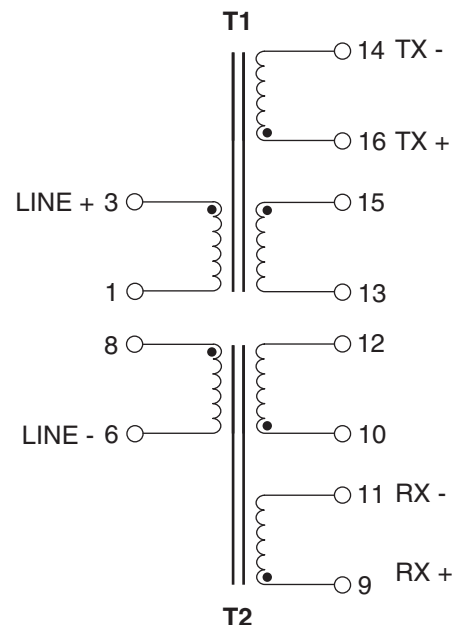
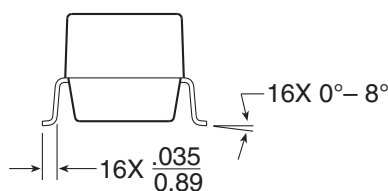
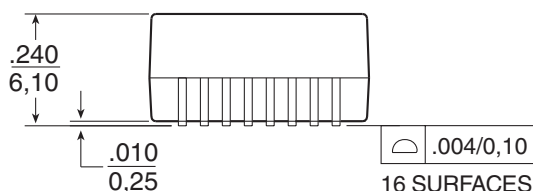
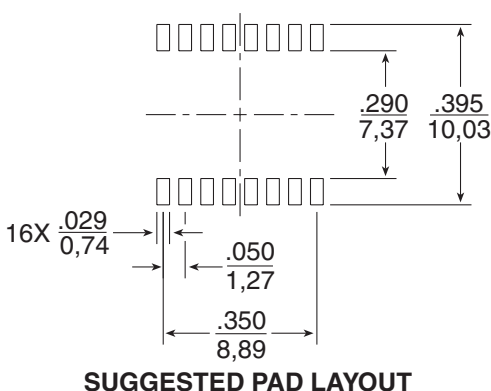
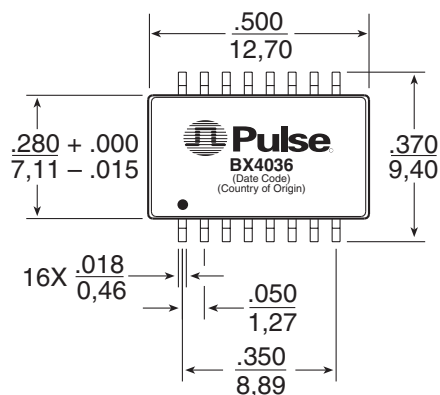
Part Number	Frequency	Insertion Loss (dB MAX)		Return Loss (dB MIN)	Transhybrid Loss (dB MIN)	Impedance (Ω)		Isolation Voltage (Vrms)
		TX	RX					
BX4036	@ 1 MHz	—	—	20	45	TX	40	1500
	100 kHz-12 MHz	1	0.5	15	25	RX	270	
	100 kHz-20 MHz	2	1	10	20	Line	120	

NOTE: Transformers are shipped in trays unless Tape & Reel packaging is specified by adding the suffix "T" to the part number (i.e. BX4036T).

Mechanical

Schematic

BX4036



Weight 1.0 grams
Tape & Reel 600/reel
Tube 40/tube

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

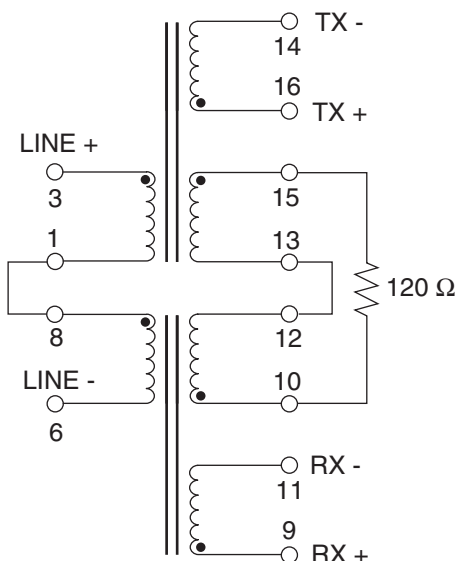
Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$

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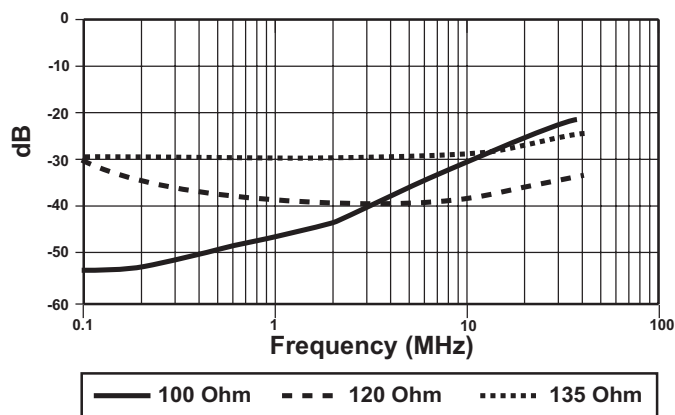


Application Circuit — BX4036

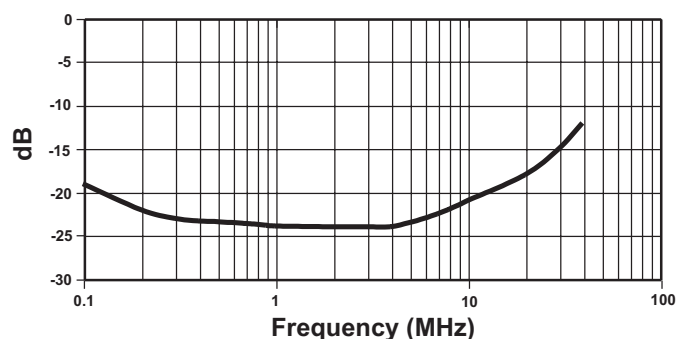


Typical Performance @ 25°C — BX4036

Typical Transhybrid Loss for Line Load



Return Loss



For More Information :

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