




# ADSL LINE TRANSFORMERS

## For Infineon ADSL CPE Chipsets



-  Matched to Infineon's Amazon ADSL chipset
-  Designed to meet IEC60950 supplementary insulation requirements at 250V working voltage
-  1500V Breakdown Isolation between windings

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

Part Number		Turns Ratio		OCL Primary (mH ±10%)	THD @ 30kHz, (dB MAX)	Isolation Voltage (Vrms)
RoHS-5	RoHS-6	Line:TX	Line:RX			
BX2913L	BX2913LNL	4.2:1	2:1	1.4	-88	1500
-	BX2917LNL	3.8:1	1.9:1	0.2	-95	1500

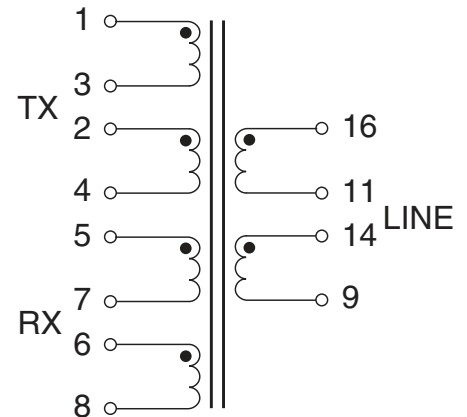
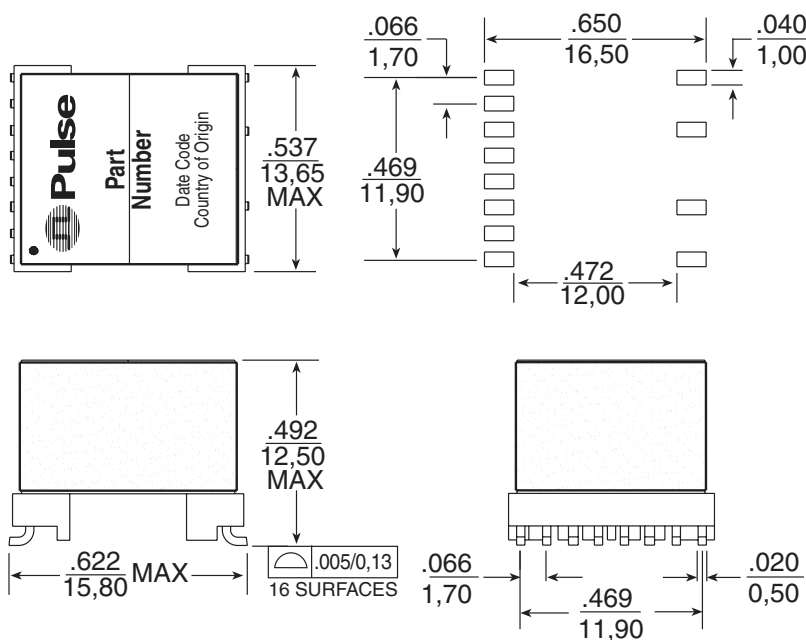
NOTES: Transformers are shipped in trays, unless Tape & Reel packaging is specified by adding the suffix "T" to this part number (Ex: BX2913LT or BX2913LNLT).

### Mechanical

### Schematic

#### BX2913L / BX2913LNL / BX2917LNL

#### SUGGESTED PAD LAYOUT



Weight ..... .6.5 grams  
 Tape & Reel ..... .150/reel  
 Tray ..... .60/tray

Dimensions:  $\frac{\text{Inches}}{\text{mm}}$   
 Unless otherwise specified, all tolerances are  $\pm \frac{.010}{.025}$

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