

# ADSL LINE TRANSFORMERS

## For Broadcom ADSL CPE Chipsets



- Matched to Broadcom 6335 and 6338 chipsets with 5V line driver (BCM6301)
- Designed to meet UL1950 and EN60950 supplementary insulation requirements

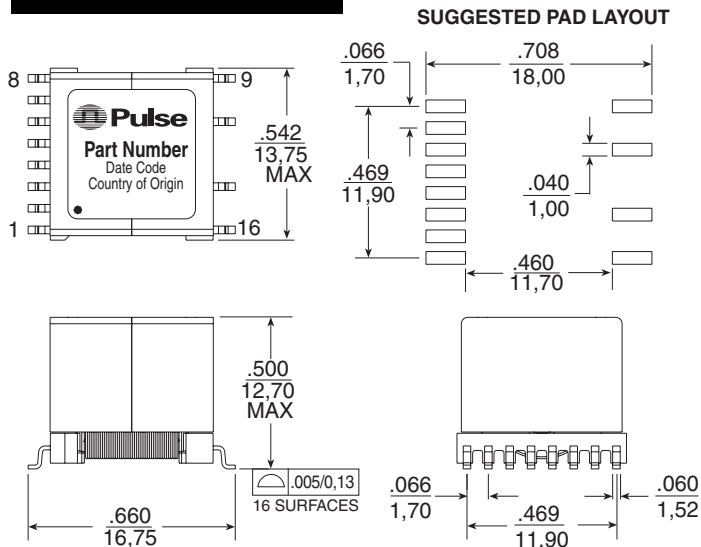
### Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

Standard Part Number	RoHS-6 Compliant Part Number	Turns Ratio (Line:TX ±5%)	Turns Ratio (Line:RX)	OCL Line (µH ±5%)	Isolation Voltage (Vrms)
BX2542W	—	4.25 : 1	1 : 1	400	1500
BX2542L	BX2542LNL	4.25 : 1	1 : 1	400	1500
BX2606W	—	4.25 : 1	1 : 1	100	1500
BX2606L	BX2606LNL	4.25 : 1	1 : 1	100	1500

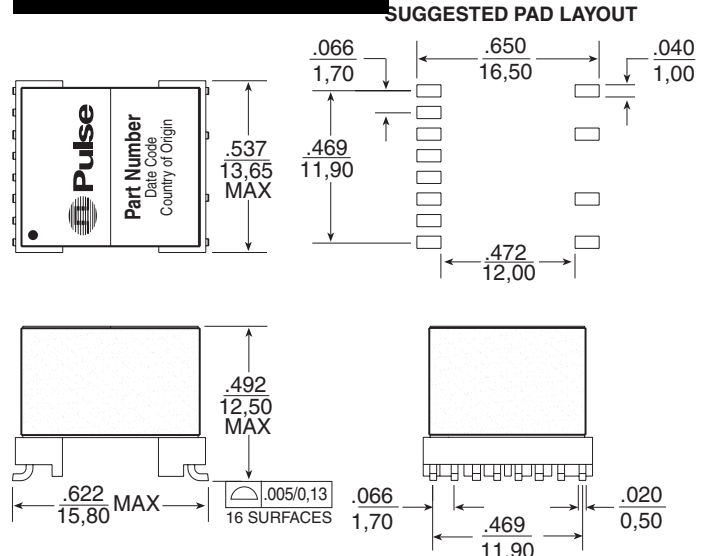
NOTE: Optional Tape & Reel packaging can be ordered by adding a "T" suffix to the part number (ex: BX2542WT).

## Mechanicals

### BX2542W & BX2606W



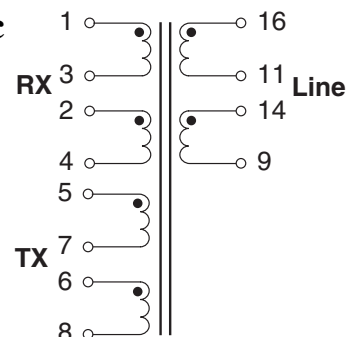
### BX2542L/NL & BX2606L/NL



Weight .....6.2 grams  
Tape & Reel .....300/reel  
Tray .....95/tray

Dimensions: Inches  
mm  
Unless otherwise specified,  
all tolerances are ± .010  
0,25

## Schematic



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