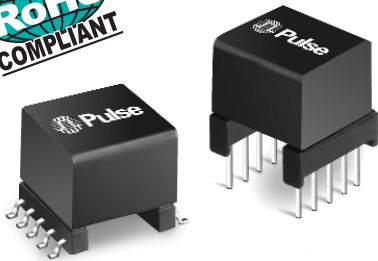


# ADSL LINE TRANSFORMERS

## For Texas Instruments' CPE Chipsets



- ADSL/ADSL2+ CPE Transformers for POTS and ISDN applications, matched to Texas Instruments AR7, AU7 and AP7 chipset
- Designed to meet EN60950 supplementary insulation requirements for working voltages up to 250Vrms

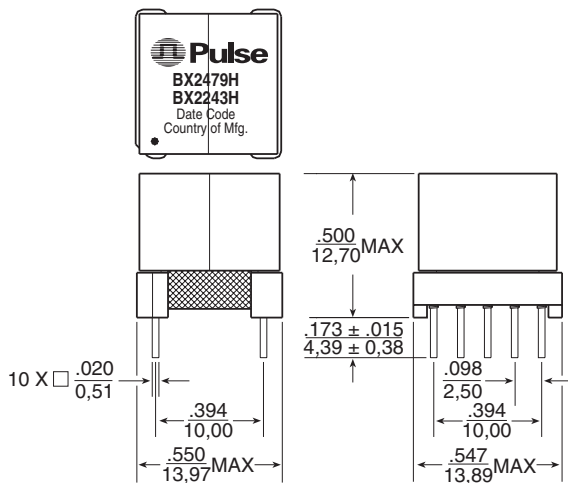
### Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

RoHS-5 Compliant Part Number	RoHS-6 Compliant Part Number	OCL (mH ±5%)	Turns Ratio (Line:Chip)	Isolation Voltage (Vrms)	THD @ 30kHz (dB MIN)
BX2479H	BX2479HNL	1.50	2:1	1500	-85
BX2479W <sup>1</sup>	BX2479WNL <sup>1</sup>	1.50	2:1	1500	-85
BX2243H	BX2243HNL	0.40	2:1	1500	-80
BX2243W <sup>1</sup>	BX2243WNL <sup>1</sup>	0.40	2:1	1500	-80
BX2900W <sup>1</sup>	BX2900WNL <sup>1</sup>	0.10	2:1	1500	-84

NOTE: 1. Optional Tape & Reel packaging can be ordered by adding a "T" suffix to the part number (ex: BX2479WT and BX2479WNLT).

## Mechanicals

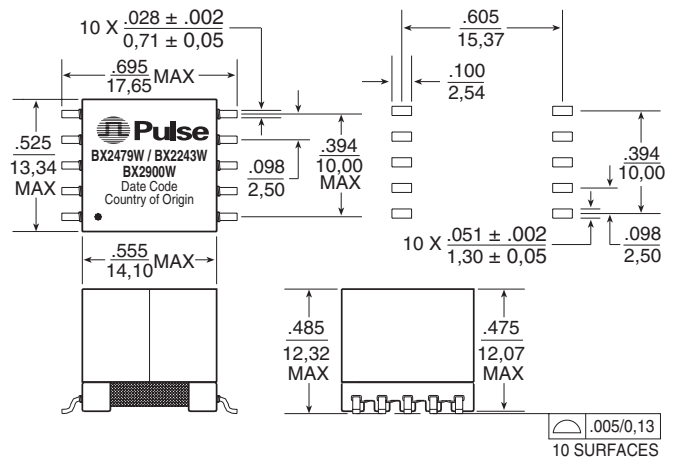
### BX2479H / BX2243H (and NL versions)



Weight ..... 6.2 grams  
Tray ..... .65/tray

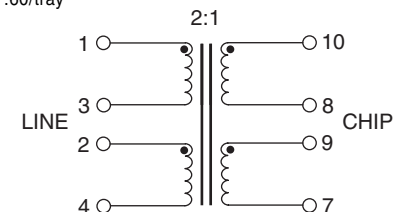
Dimensions:  $\frac{\text{Inches}}{\text{mm}}$  Unless otherwise specified, all tolerances are  $\pm \frac{.010}{.025}$

### BX2479W / BX2243W / BX2900W (and NL versions)



Weight ..... 6.2 grams  
Tray ..... .60/tray

### Schematic



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