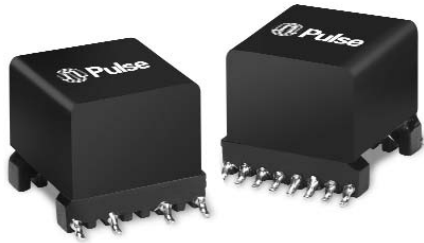


# ADSL LINE TRANSFORMERS

## For Globespan ADSL CPE Chipsets



- Matched to Globespan Virata CPE Café ADSL chipset - DMT Annex A
- 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

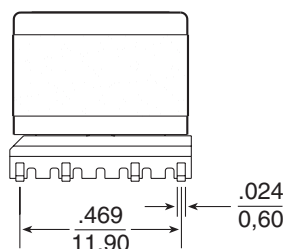
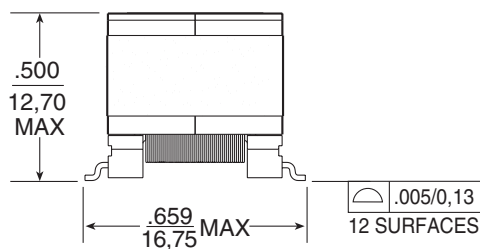
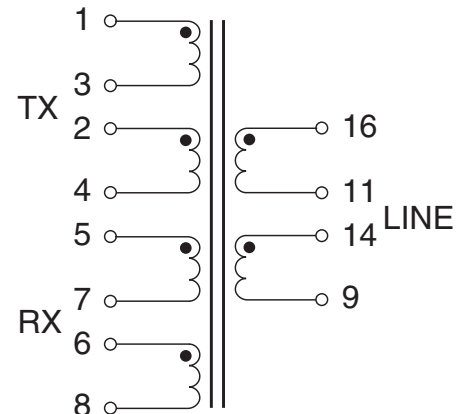
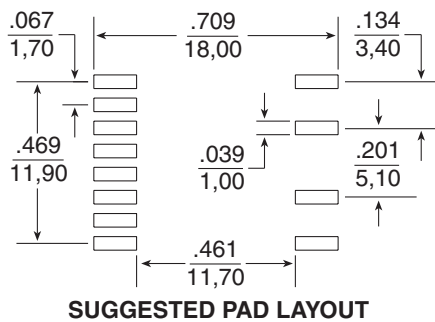
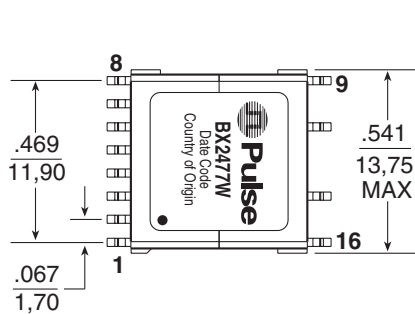
Part Number	Turns Ratio		OCL Primary ( $\mu\text{H} \pm 6\%$ )	THD @ 25kHz, (dB MAX)	Isolation Voltage (Vrms)
	TX:Line (1-4):(9-16) w/2-3 & 11-14 shorted	RX:Line (5-8):(9-16) w/6-7 & 11-14 shorted			
<b>BX2477W</b>	1:4	1:2	700	-85	1500

NOTES: Transformers are shipped in trays, unless Tape & Reel packaging is specified by adding the suffix "T" to this part number (BX2477WT).

### Mechanical

### Schematic

#### BX2477W



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

Dimensions:  $\frac{\text{Inches}}{\text{mm}}$   
 Unless otherwise specified, all tolerances are  $\pm \frac{.010}{0.25}$

### For More Information :

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**B841.A (1/04)**