




# VDSL LINE TRANSFORMER

## For Conexant CO/CPE Chipset



-  Matched to Conexant's VDSL ACCELITY chipset
-  Compact industry standard surface mount footprint
-  Extended temperature range

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

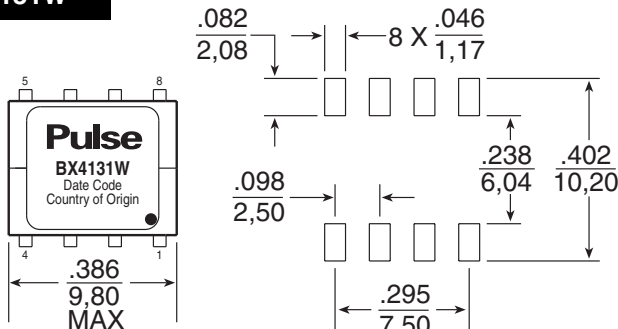
Part Number	Turns Ratio (Line:Chip)	OCL ( $\mu\text{H} \pm 10\%$ )	Leakage Inductance ( $\mu\text{H} \text{ MAX}$ )	Insertion Loss (100kHz - 12MHz) (dB MAX)	Isolation Voltage (Vrms)
<b>BX4131W</b>	2:1	800	1.5	-1.0	1500

**NOTE:** Transformers are shipped in trays unless Tape & Reel packaging is specified by adding the suffix "T" to the part number (i.e. BX4131WT).

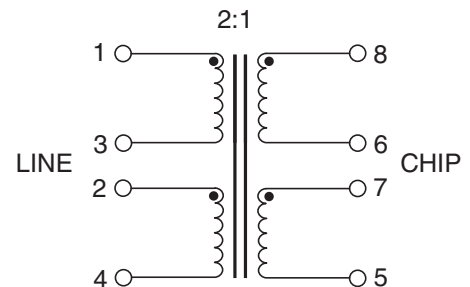
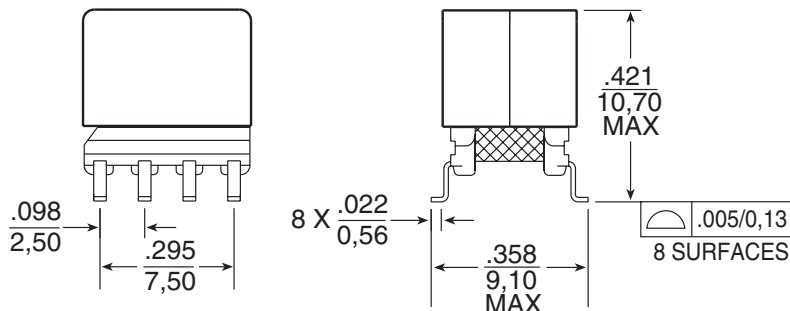
### Mechanical

### Schematic

#### BX4131W



#### SUGGESTED PAD LAYOUT



Weight ..... 1.8 grams  
Tape & Reel ..... .300/reel  
Tray ..... .95/tray

Dimensions:  $\frac{\text{Inches}}{\text{mm}}$   
Unless otherwise specified,  
all tolerances are  $\pm \frac{.010}{0,25}$

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