

# VDSL LINE TRANSFORMER



-  Matched to Infineon VDSL 5000i and 6000i chipset
-  For CO applications over frequency range of 138kHz to 12MHz
-  Designed to meet EN60950 functional isolation requirements

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

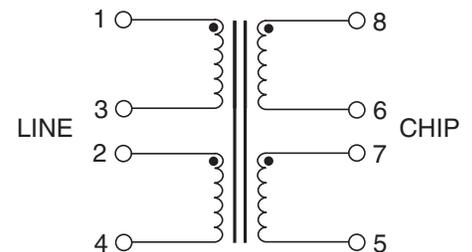
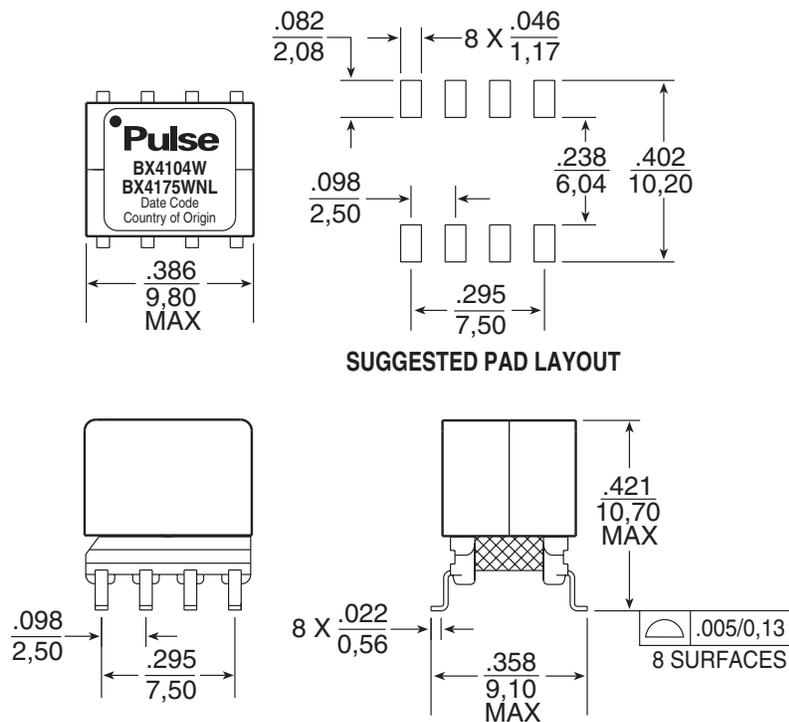
Part Number	Turns Ratio (Line:Chip)	OCL Primary (µH)	THD @ 100kHz, 2Vrms (dB MAX)	Isolation Voltage (Vrms)
<b>BX4104W</b>	1.33:1	770 ±12%	-80	1500
<b>BX4175WNL</b>	1.33:1	270 ±10%	-80	1500

NOTE: Transformers are shipped in trays unless Tape & Reel packaging is specified by adding the suffix "T" to the part number (i.e. BX4104WT).

## Mechanical

## Schematic

### BX4104W / BX4175WNL



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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