

# ADSL FREQUENCY FILTER INDUCTOR



- Coupled Inductor Ringing Filter for IDV Geminax chipset
- Combined Inductance of 6.8mH
- SMT gull-wing device

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

Part Number	Primary OCL (mH ±5%)	Turns Ratio (1-4):(8-5) (±2%)	Self-Capacitance (pF MAX)	Leakage Inductance (µH MAX)	Isolation Voltage (Vrms)	DCR Primary <sup>1</sup> (1-4) & (8-5) (Ω MAX)	THD @ 30kHz <sup>2</sup> 2.5Vrms (dB MIN)
<b>BX8027W</b>	6.8	1:1	5	300	500	5	-80

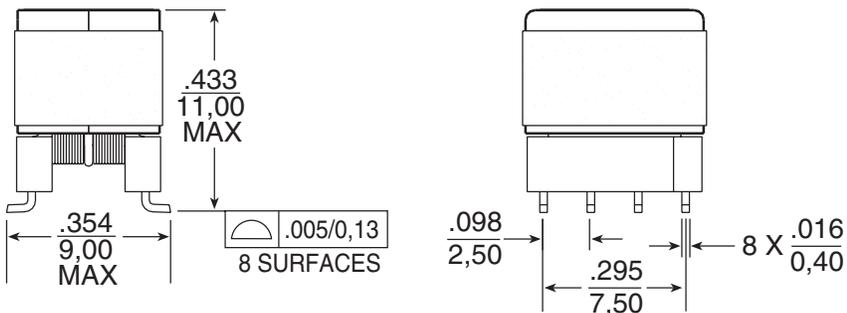
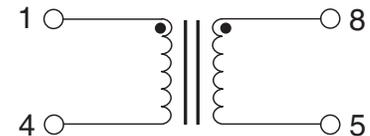
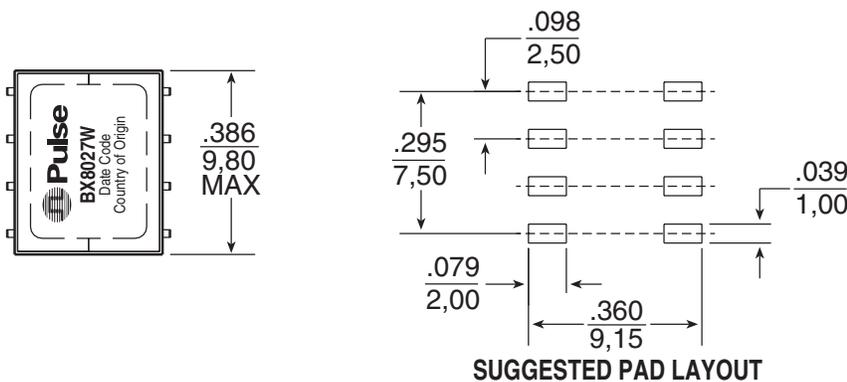
**NOTE:** Transformers are shipped in trays unless Tape & Reel packaging is specified by adding the suffix "T" to the part number (i.e. BX8027WT).

1. DCR matching better than 10%. 2. THD measured in balanced 50Ω Network.

## Mechanical

## Schematic

### BX8027W



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

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

## For More Information :

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