

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 $\pm 5\%$)	Turns Ratio (1-4):(8-5) ($\pm 2\%$)	Self-Capacitance (pF MAX)	Leakage Inductance (μ H MAX)	Isolation Voltage (Vrms)	DCR Primary ¹ (1-4) & (8-5) (Ω MAX)	THD @ 30kHz ² 2.5Vrms (dB MIN)
BX8027W	6.8	1:1	5	300	500	5	-80

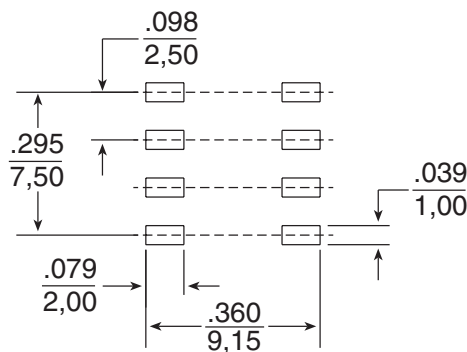
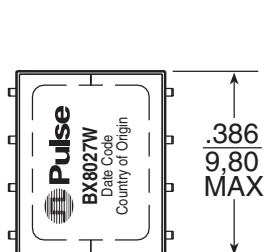
NOTE: Transformers are shipped in trays unless Tape & Reel packaging is specified by adding the suffix "T" to the part number (i.e. BX8027WT).

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

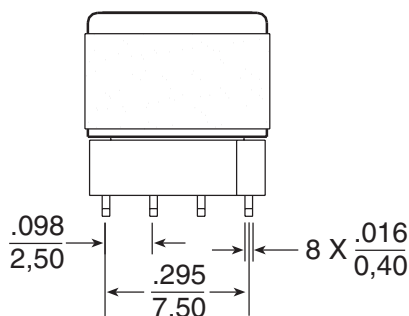
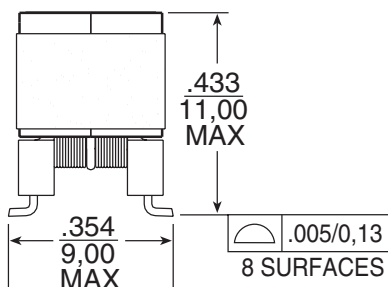
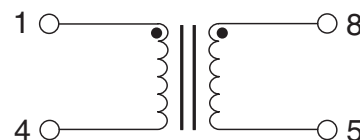
Mechanical

Schematic

BX8027W



SUGGESTED PAD LAYOUT



Weight 1.8 grams
Tape & Reel300/reel
Tray95/tray

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

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