

# HOME PHONE NETWORKING BANDPASS FILTER



- ✔ Approved by Conexant for use with their 10 Mbps HomePNA 2.0 physical layer device CX24611
- ✔ Includes isolation and EMI filtering
- ✔ Designed to withstand 235°C peak infrared reflow temperature
- ✔ Extended temperature range

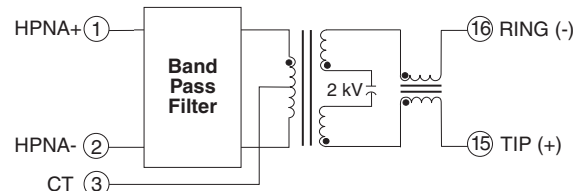
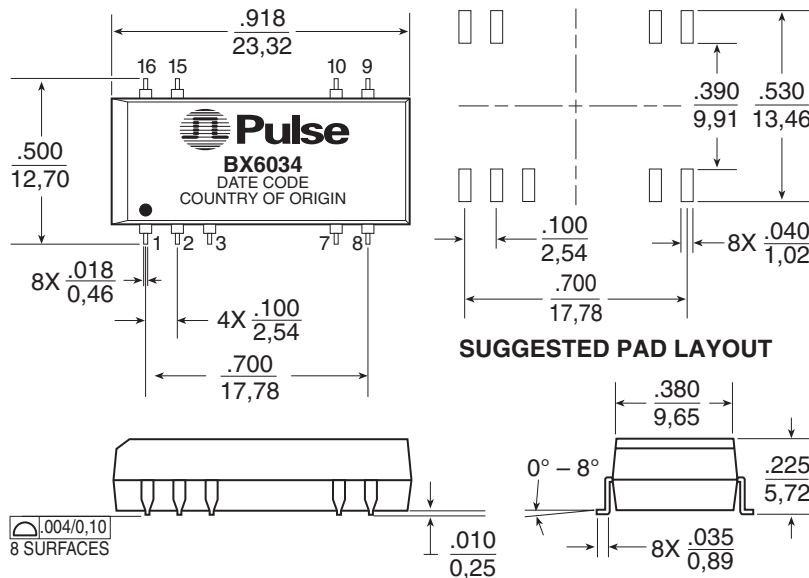
## Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

Part Number	Insertion Loss @ 4.75 to 9.25 MHz		Attenuation (MIN)			Return Loss @ 4.75 to 9.25 MHz (MIN)	Common to Differential Mode Rejection @ 200 kHz to 22 MHz	Isolation Voltage (Vrms)
	(MIN)	(MAX)	1.1 MHz	22 MHz	54 MHz			
<b>BX6034</b>	1.0 dB	2.0 dB	60 dB	35 dB	50 dB	12.0 dB	40 dB	2000

### Mechanical

### Schematic

#### BX6034



Weight ..... 2.5 grams  
Tape & Reel ..... .250/reel  
Tube ..... .20/tube

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

### For More Information :

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