

# Common Mode Chokes For ADSL and VDSL



- RoHS peak reflow solder temperature rating 245°C
- RoHS peak wave solder temperature rating 260°C
- For use in XDSL interfaces
- Effective reduction of C.M. noise caused by AM broadcast or ham radio
- Isolation 1500V line to line

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

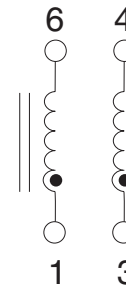
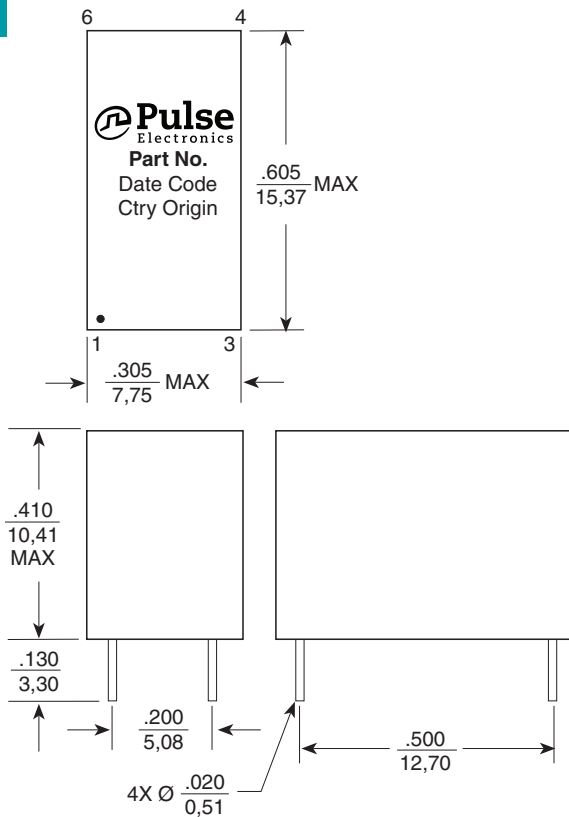
RoHS Compliant Part No.	C.M. Attenuation (dB TYP)			Isolation Voltage (Vrms)	Mounting
	@ 500kHz	@ 1kHz	@ 10kHz		
B4001NL	45	49	35	1500	THT
B4003NL	45	49	35	1500	SMT
BX4053NL	45	49	35	150	SM

Notes: Surge Voltage Capability - Metallic: 800Vpeak 10/560sec. Long.: 2400Vpeak 10/700sec. BX4053NL is a dual choke. Please add the suffix "T" for Tape & Reel orders (i.e. B4003NL becomes B4003NLT).

### Mechanical

### Schematic

#### B4001NL



Weight .....2.2grams

Tube .....60/tube

Dimensions:  $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified,  
all tolerances are  $\pm \frac{.010}{0,25}$

USA 858 674 8100

Germany 49 7032 7806 0

Singapore 65 6287 8998

Shanghai 86 21 62787060

China 86 755 33966678

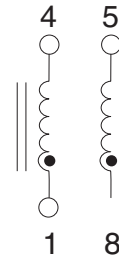
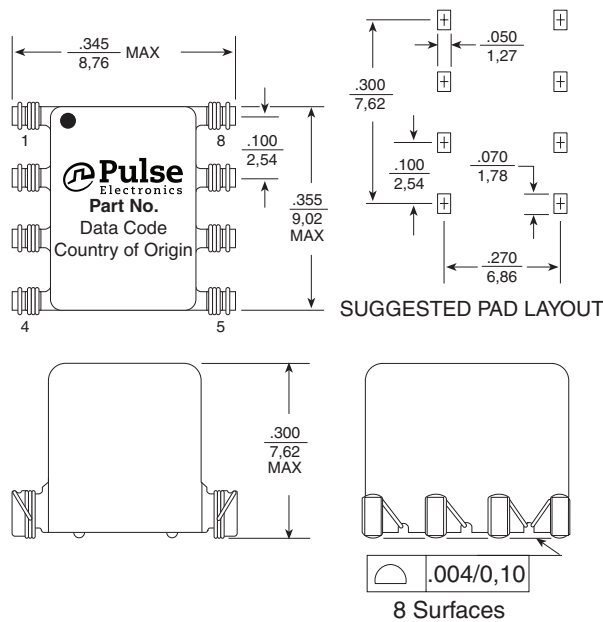
Taiwan 886 3 4356768

# Common Mode Chokes For ADSL and VDSL

## Mechanicals (continued)

## Schematics

### B4003NL

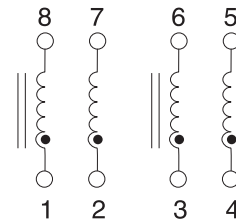
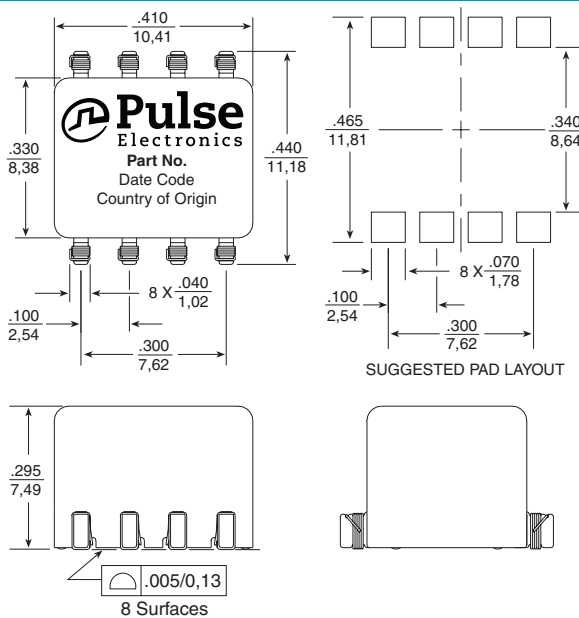


**Weight** .....1.0grams  
**Tape & Reel** .....425/reel  
**Tube** .....50/tube

**Dimensions:**  $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified,  
 all tolerances are  $\pm \begin{matrix} .010 \\ 0,25 \end{matrix}$

### BX4053NL



**Weight** .....2.1grams  
**Tape & Reel** .....400/reel  
**Tube** .....50/tube

**Dimensions:**  $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified,  
 all tolerances are  $\pm \begin{matrix} .010 \\ 0,25 \end{matrix}$

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