



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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

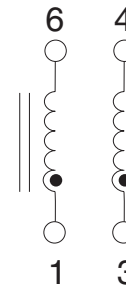
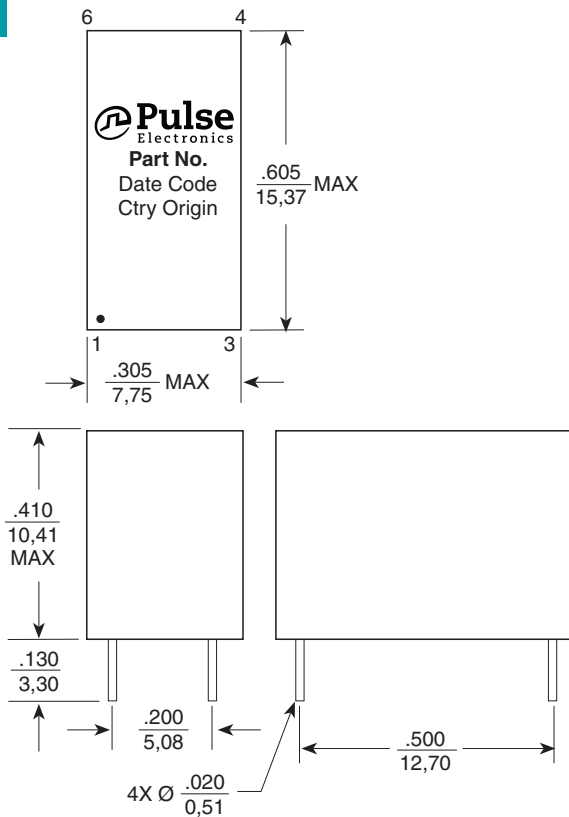
RoHS Compliant Part No.	C.M. Attenuation (dB TYP)			Isolation Voltage (Vrms)	Mounting
	@ 500kHz	@ 1kHz	@ 10kHz		
B4001NL	45	49	35	1500	THT
B4003NL	45	49	35	1500	SMT
BX4053NL	45	49	35	150	SM

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



Weight2.2grams

Tube60/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

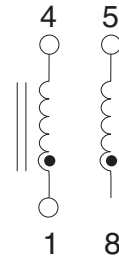
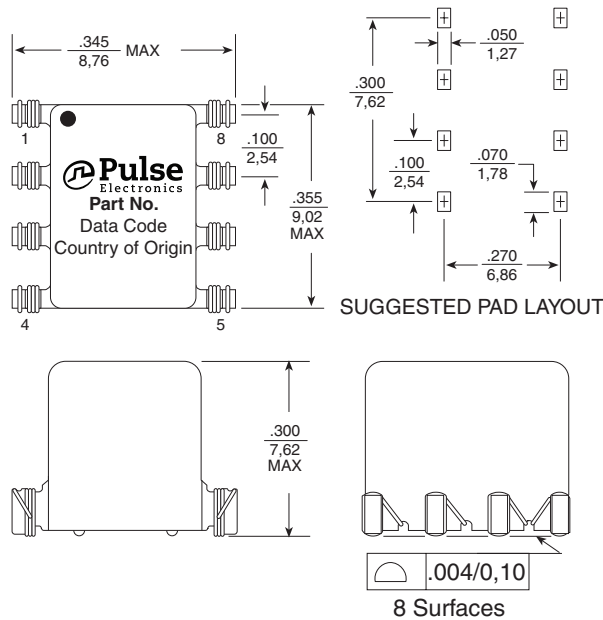
Taiwan 886 3 4356768

Common Mode Chokes For ADSL and VDSL

Mechanicals (continued)

Schematics

B4003NL

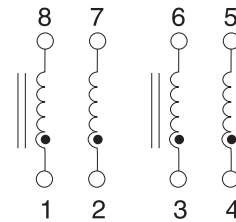
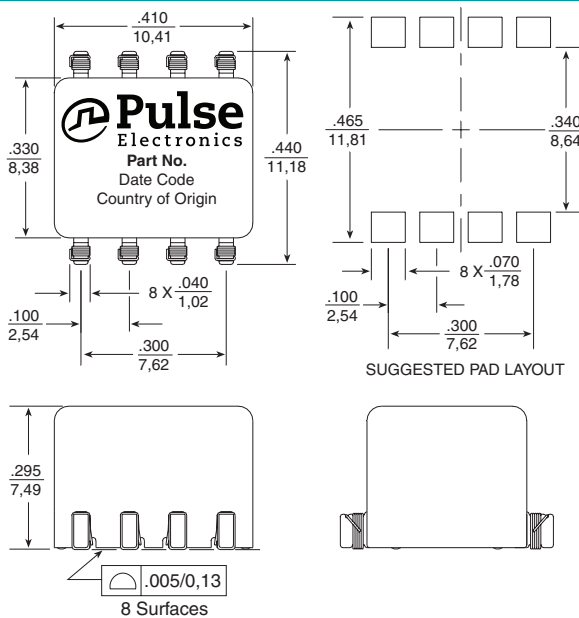


Weight1.0grams
Tape & Reel425/reel
Tube50/tube

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

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

BX4053NL



Weight2.1grams
Tape & Reel400/reel
Tube50/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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