

XDSL SPLITTER FILTER MODULE



- ➊ POTS Central Office Splitter for standard ADSL and VDSL applications
- ➋ For use with ANSI T1.413 standard
- ➌ Part of a standard series with footprint compatibility
- ➍ Patent pending
- ➎ ADSL2+ compatible
- ➏ Compatible with VDSL2 30MHz
- ➐ NL version: RoHS-6 compliant

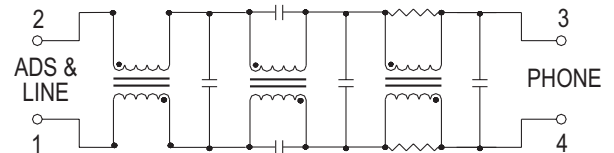
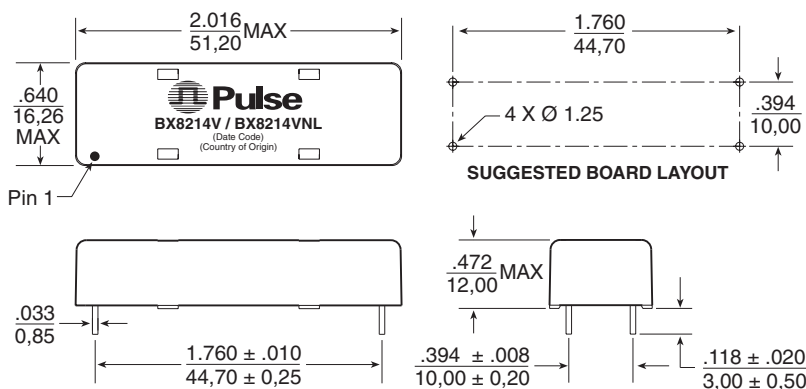
Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

PARAMETER	FREQUENCY	
POTS Impedance	100Hz to 4kHz	800Ω 100Ω + 50nF
POTS Insertion Loss	1kHz	0.6dB MAX
POTS Attenuation Distortion relative to 1kHz <i>NOTE: Attenuation is positive value, gain is negative</i>	200Hz to 3.4kHz	-1.5 to +0.5dB
	3.4kHz to 4kHz	-1.5 to +1.0dB
POTS Delay Distortion	600Hz to 4kHz	200μSec MAX
POTS Return Loss	200Hz (SRL-L)	5dB MIN
	1kHz (ERL)	8dB MIN
	2.2kHz (SRL-H)	5dB MIN
intermodulation Distortion (2nd and 3rd harmonics)	4-Tone IEEE 743 signal	-60dB MIN
Longitudinal Balance	200Hz to 3.2kHz	-58dB MIN
Tip to Ring Capacitance	20Hz to 30Hz	115nF MAX
VDSL Insertion Loss	30kHz to 300kHz	-65dB MIN
	300kHz to 30MHz	-55dB MIN
DC Current		100mA MAX
Total DC Resistance		25Ω MAX
Tip to Ring Isolation		600Vdc MIN

Mechanical

Schematic

BX8214V / BX8214VNL



Weight15 grams
Tray35/tray

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

Unless otherwise specified,
all tolerances are $\pm \frac{.004}{0,10}$

For More Information:

Pulse Worldwide Headquarters

12220 World Trade Dr.
San Diego, CA 92128
U.S.A.
www.pulseeng.com

Tel: 858 674 8100
Fax: 858 674 8262

Pulse Europe

Einsteinstrasse 1
D-71083 Herrenberg
Germany

Tel: 49 7032 7806 0
Fax: 49 7032 7806 12

Pulse China Headquarters

B402, Shenzhen
Tech-Innovation International
Tenth Kejianan Rd.
High-Tech Industrial Park
Nanshan District, Shenzhen
China

Tel: 86 755 33966678
Fax: 86 755 33966700

Pulse North China

Room 1503
XinYin Building
No. 888 YiShan Rd.
Shanghai 200233
China

Tel: 86 21 54643211/2
Fax: 86 21 54643210

Pulse South Asia

150 Kampong Ampat
#07-01/02
KA Centre
Singapore 368324

Tel: 65 6287 8998
Fax: 65 6280 0080

Pulse North Asia

No. 26
Kao Ching Rd.
Yang Mei Chen
Taoyuan Hsien
Taiwan, R. O. C.

Tel: 886 3 4641811
Fax: 886 3 4641911

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