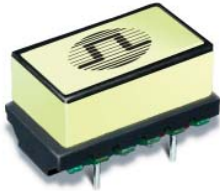








XDSL SPLITTER FILTER MODULE

B8813NL

SmartER Series



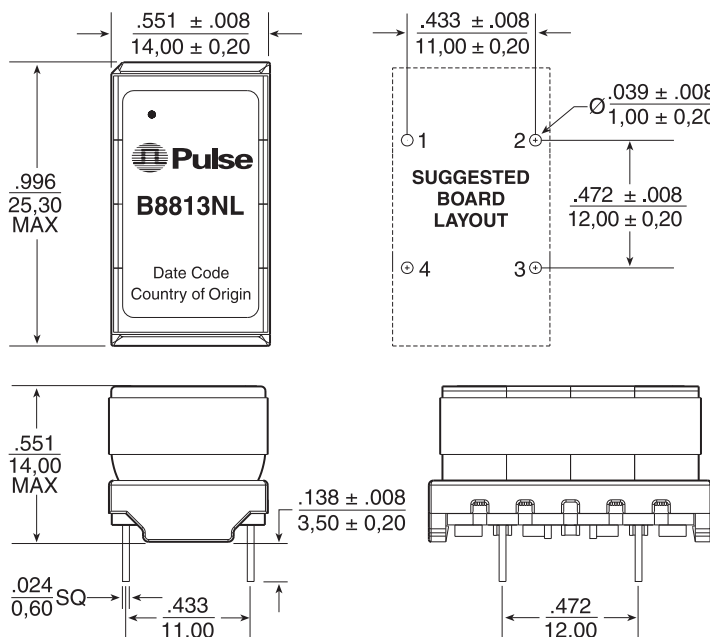
-  POTS CO splitter for standard ADSL / VDSL2 applications
-  LPF compliant to ATIS specification TRQ.10.2009 Type A for short and long loops
-  Part of a standard series which has footprint compatibility
-  For ADSL, ADSL2+, VDSL and VDSL2 applications
-  Compliant with Broadband Forum TR-127 standard for ADSL2+ and VDSL2 applications
-  Patented technology US7598837, US7598839, CN1667763, EP1644943, TWI316724, CA2531599

Electrical Specifications @ 25°C

PARAMETER	FREQUENCY	
POTS Impedance	100 Hz to 4 kHz	900 Ω
POTS Insertion Loss	1 kHz	0.75 dB MAX
POTS Insertion Loss Distortion relative to 1 kHz	200 Hz to 3.4 kHz	0.5 dB to 1.5 dB
	3.4 kHz to 4 kHz	1.0 dB to 1.5 dB
POTS Return Loss	200 Hz (SRL-L)	5 dB MIN
	1 kHz (ERL)	8 dB MIN
	2.2 kHz (SRL-H)	5 dB MIN
Longitudinal Balance	200 Hz to 3kHz	58 dB MIN
xDSL Insertion Loss	32 kHz to 12 MHz	65 dB MIN
	12 MHz to 30 MHz	55 dB MIN
DC Current		100 mA MAX
Total DC Resistance		25 Ω MAX

Mechanical

B8813NL



Weight 10 grams
Tray 80/tray
Dimensions: $\frac{\text{Inches}}{\text{mm}}$
 Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$

XDSL SPLITTER FILTER MODULE

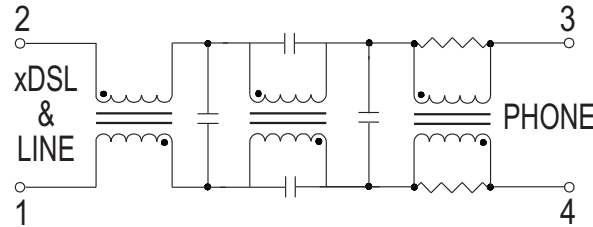
B8813NL

SmartER Series



Schematic

B8813NL



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

Zeppelinstrasse 15
D-71083 Herrenberg
Germany

Tel: 49 7032 7806 0
Fax: 49 7032 7806 135

Pulse China Headquarters

B402, Shenzhen Academy of
Aerospace Technology Bldg.
10th Kejinan Rd.
High-Tech Zone
Nanshan District
Shenzen, PR China 518057

Tel: 86 755 33966678
Fax: 86 755 33966700

Pulse North China

Room 2704/2705
Super Ocean Finance Ctr.
2067 Yan An Rd. West
Shanghai 200336
China

Tel: 86 21 62787060
Fax: 86 2162786973

Pulse South Asia

135 Joo Seng Rd.
#03-02
PM Industrial Bldg.
Singapore 368363

Tel: 65 6287 8998
Fax: 65 6287 8998

Pulse North Asia

3F, No. 198
Zhongyuan Rd.
Zhongli City
Taoyuan County 320
Taiwan R. O. C.

Tel: 886 3 4356768
Fax: 886 3 4356823 (Pulse)
Fax: 886 3 4356820 (FRE)

Performance warranty of products offered on this data sheet is limited to the parameters specified. Data is subject to change without notice. Other brand and product names mentioned herein may be trademarks or registered trademarks of their respective owners.

© Copyright, 2010. Pulse Engineering, Inc. All rights reserved.