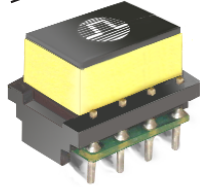


XDSL SPLITTER FILTER MODULE

SmartER series



- POTS CO and CPE splitter for standard ADSL/VDSL2 applications
- LPF compliant to ANSI specification T1.413-1998 for short loops (CO)
- Part of a standard series which has footprint compatibility
- For ADSL, ADSL2+, VDSL and VDSL2 applications
- RoHS-6 compatible
- Patented technology

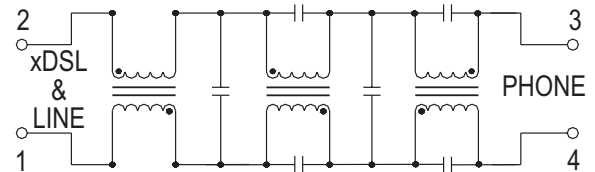
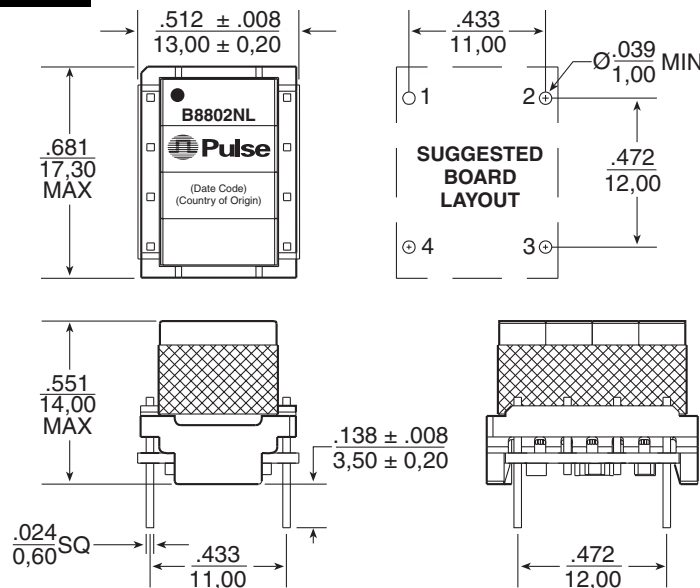
Electrical Specifications @ 25°C

PARAMETER	FREQUENCY	CO	CPE
POTS Impedance	100Hz to 4kHz	900Ω	600Ω
POTS Insertion Loss	1kHz	0.75dB MAX	0.6dB MAX
POTS Insertion Loss Distortion relative to 1kHz	200Hz to 3.4kHz	0.5dB to 1.5dB	0.5dB to 1.5dB
	3.4kHz to 4kHz	1.0dB to 1.5dB	1.0dB to 1.5dB
POTS Return Loss	200Hz (SRL-L)	5dB MIN	5dB MIN
	1kHz (ERL)	8dB MIN	8dB MIN
	2.2kHz (SRL-H)	5dB MIN	5dB MIN
Longitudinal Balance	200Hz to 3kHz	-58dB MIN	-58dB MIN
xDSL Insertion Loss	25kHz to 30MHz	65dB MIN	65dB MIN
DC Current		100mA MAX	100mA MAX
Total DC Resistance		25Ω MAX	25Ω MAX

Mechanical

Schematic

B8802NL



Weight 5.0 grams
 Tray80/tray
 Dimensions: Inches
 mm
 Unless otherwise specified,
 all tolerances are ± .010
 0,25

For More Information:

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

Pulse European Headquarters
 Einsteinstrasse 1
 D-71083 Herrenberg
 Germany

Pulse China Headquarters
 B402, Shenzhen Academy of
 Aerospace Technology Bldg.
 10th Kejinan Rd.
 High-Tech Zone
 Nanshan District
 Shenzhen, PR China 518057
 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 32181071
 FAX: 86 21 32181396

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

Pulse North Asia
 No. 26
 Kao Ching Rd.
 Yang Mei Chen
 Taoyuan Hsien
 Taiwan, R. O. C.
 32667

TEL: 858 674 8100
 FAX: 858 674 8262

TEL: 49 7032 7806 0
 FAX: 49 7032 7806 12

TEL: 86 21 32181071
 FAX: 86 21 32181396

TEL: 65 6287 8998
 FAX: 65 6280 0080

TEL: 886 3 4643715
 FAX: 886 3 4641911

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, 2008. Pulse Engineering, Inc. All rights reserved.