

# XDSL SPLITTER FILTER MODULE



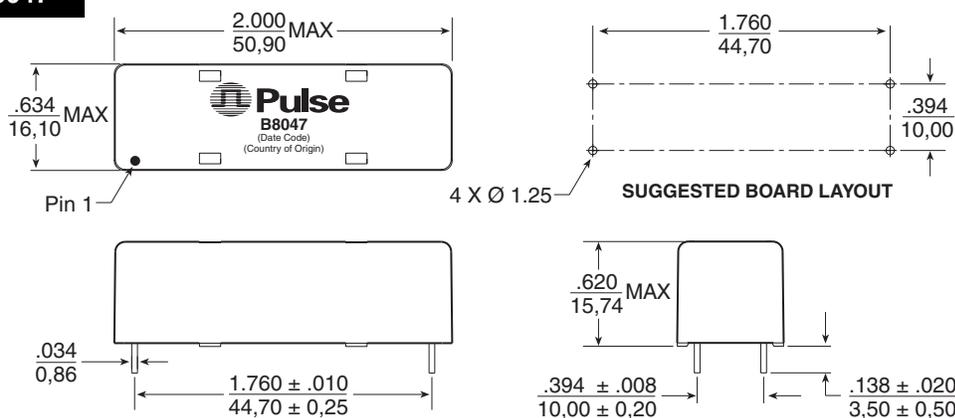
- POTS Central Office Splitter for standard ADSL applications
- Complies with option A of ETSI specification TS 101-952-1-1 with  $Z_{ADSL}$  connected
- This module is part of a standard series which has footprint compatibility

## Electrical Specifications @ 25°C

PARAMETER	FREQUENCY	
POTS Impedance	100 Hz to 4 kHz	270 $\Omega$ + 750 $\Omega$ / 150 nF
POTS Insertion Loss	1 kHz	-1.0 dB MAX
POTS Insertion Loss Distortion relative to 1 kHz	200 Hz to 4 kHz	-1.0 dB MAX
POTS Return Loss	300 Hz to 2 kHz	-14 dB MIN
	2 kHz to 3.4 kHz	-12 dB MIN
	3.4 kHz to 4 kHz	-8 dB MIN
POTS Group Delay	200 Hz to 4 kHz	250 $\mu$ s MAX
Longitudinal Balance	100 Hz to 3.4 kHz	-46 dB MIN
ADSL Insertion Loss	32 kHz to 1.1 MHz	-55 dB MIN
DC Current		80 mA MAX
Total DC Resistance		40 $\Omega$ MAX
Line Side Impedance	40 kHz to 1.1 MHz	1.0 k $\Omega$ MIN

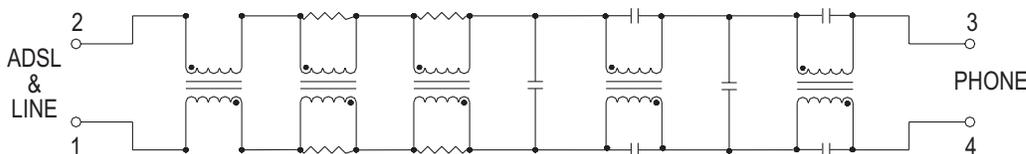
## Mechanical

### B8047



Weight .....11 grams  
 Tray .....35/tray  
**Dimensions:** Inches  
 mm  
 Unless otherwise specified,  
 all tolerances are  $\pm \frac{.010}{0,25}$

## Schematic



## For More Information :

UNITED STATES (Worldwide)	UNITED KINGDOM (Northern Europe)	FRANCE (Southern Europe)	SINGAPORE (Southern Asia)	TAIWAN, R.O.C. (Northern Asia)	HONG KONG (China/Hong Kong)	DISTRIBUTOR
12220 World Trade Drive San Diego, CA 92128 U.S.A. http://www.pulseeng.com TEL: 858 674 8100 FAX: 858 674 8262	3 Huxley Road Surrey Research Park Guildford, Surrey GU2 5RE United Kingdom TEL: 44 1483 401700 FAX: 44 1483 401701	Zone Industrielle F-39270 Orgelet France TEL: 33 3 84 35 04 04 FAX: 33 3 84 25 46 41	150 Kampong Ampat #07-01/02 KA Centre Singapore 368324 TEL: 65 6287 8998 FAX: 65 6280 0080	3F-4, No. 81, Sec. 1 HsinTai Wu Road Hsi-Chih, Taipei Hsien Taiwan, R.O.C. Tel: 886 2 2698 0228 FAX: 886 2 2698 0948	9/F, Phase 2, Tai Sang Shatin Warehouse Centre 6 Wong Chuk Yeung Street Fotan, Shatin, Hong Kong TEL: 852 2788 6588 FAX: 852 2776 1055	

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.