

XDSL SPLITTER FILTER MODULE



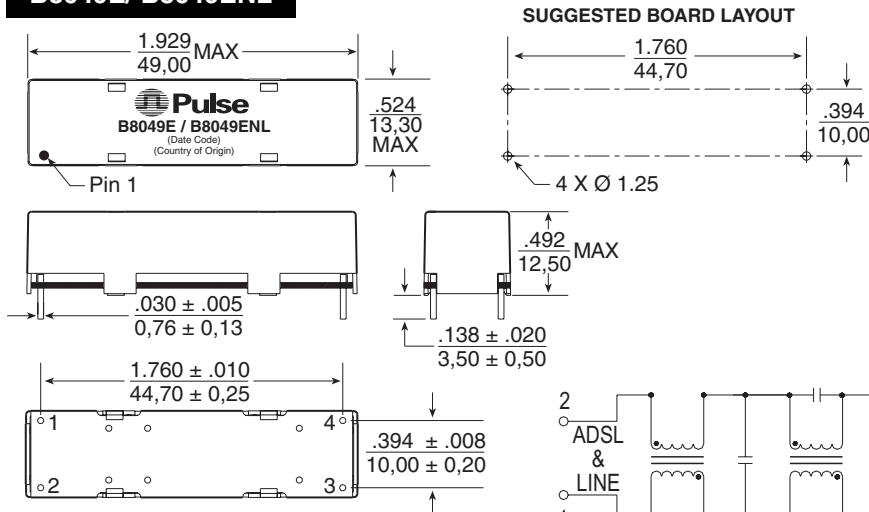
- POTS Central Office Splitter for standard ADSL applications
- Complies with option A of ETSI specification TS 101-952-1-1
- Part of a standard series which has footprint compatibility
- ADSL2+ compatible
- Low profile version of B8049: 12.5 mm height
- NL version: RoHS-6 compliant

Electrical Specifications @ 25°C

PARAMETER	FREQUENCY	
POTS Impedance	100Hz to 4kHz	270Ω + 750Ω / 150nF
POTS Insertion Loss	1kHz	-1.0dB MAX
POTS Insertion Loss Distortion relative to 1 kHz	200Hz to 4kHz	-1.0dB MAX
	300Hz to 2kHz	-14dB MIN
POTS Return Loss	2kHz to 3.4kHz	-12dB MIN
	3.4kHz to 4kHz	-8dB MIN
POTS Group Delay	200Hz to 4kHz	200μs MAX
	100Hz to 4kHz	-46dB MIN
Longitudinal Balance	4kHz to 30kHz	-25dB MIN
	30kHz to 1.1MHz	-45dB MIN
	1.1MHz to 3.0MHz	-30dB MIN
	3.0MHz to 5.0MHz	-20dB MIN
ADSL Insertion Loss	32kHz to 2.2MHz	-55dB MIN
DC Current		100mA MAX
Total DC Resistance		40Ω MAX
Line Side Impedance	40kHz to 2.2MHz	1.0kΩ MIN

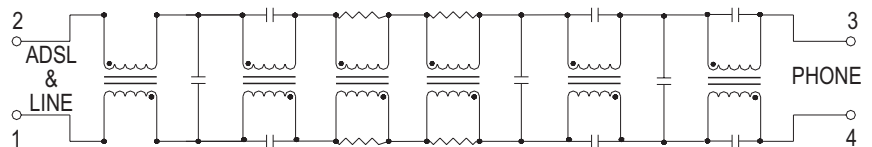
Mechanical

B8049E/ B8049ENL



Weight11 grams
 Tray35/tray
 Dimensions: $\frac{\text{Inches}}{\text{mm}}$
 Unless otherwise specified,
 all tolerances are $\pm \frac{.010}{0,25}$

Schematic



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 Kejinan 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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