

Excellent Integrated System Limited

Stocking Distributor

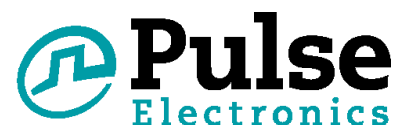
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Pulse Electronics Corporation](#)
[B8049NL](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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 compaibility
- ⌚ ADLS2+ compatible
- ⌚ Low profile version of B8049: 12.5 mm height
- ⌚ NL version: RoHS-6 compliant

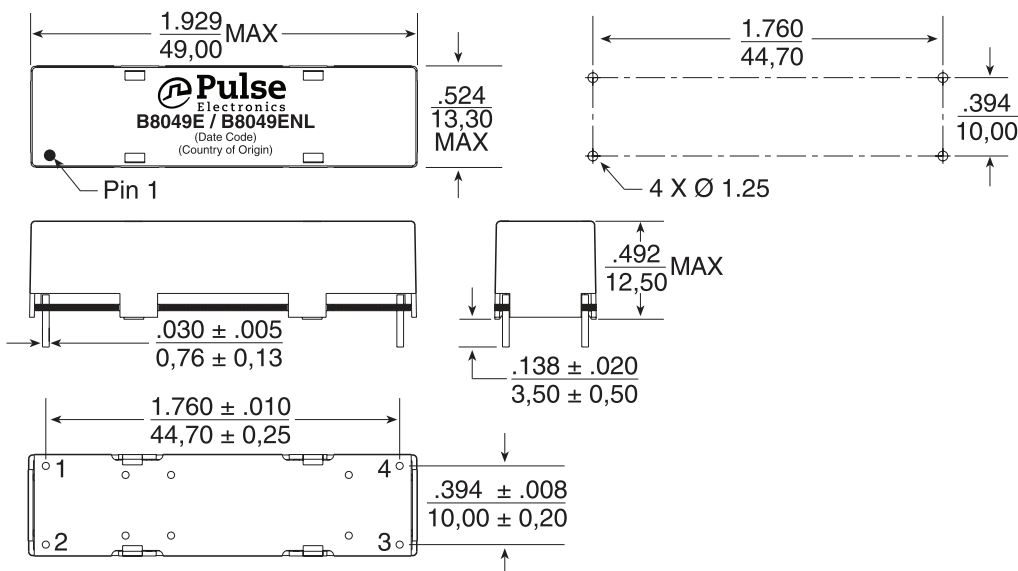
Electrical Specifications @ 25°C		
PARAMETER	FREQUENCY	
POTS Impedance	100Hz to 4kHz	270Ω + 750Ω / 150nF
POTS Insertion Loss	1Hz	-1.0dB MAX
POTS Insertion Loss Distortion relative to 1 kHz	200Hz to 4kHz	-1.0dB MAX
POTS Return Loss	300Hz to 2kHz	-14dB MIN
	2kHz to 3.4kHz	-12dB MIN
	3.4kHz to 4kHz	-8dB MAX
POTS Group Delay	200Hz to 4kHz	200μSec MAX
Longitudinal Balance	100Hz to 4kHz	-46 dB MIN
	4kHz to 30kHz	-25 dB MIN
	30kHz to 1.1MHz	-45 dB MIN
	1.1MHz to 3.0MHz	-30 dB MIN
	3.0MHz to 5.0 MHz	-20 dB MIN
ADSL Insertion Loss	32kHz to 2.2MHz	-55 dB MIN
DC Current		100mA MAX
Total Side Resistance		40Ω MAX
Line Side Impedance	400kHz to 2.2mHz	1.0kΩ MIN

*Notes: Exception - Typical Return Loss meets published ETSI specification TS101-952-1-3.

XDSL Splitter Filter Module

Mechanical

B8049E/B8049ENL



Weight11 grams

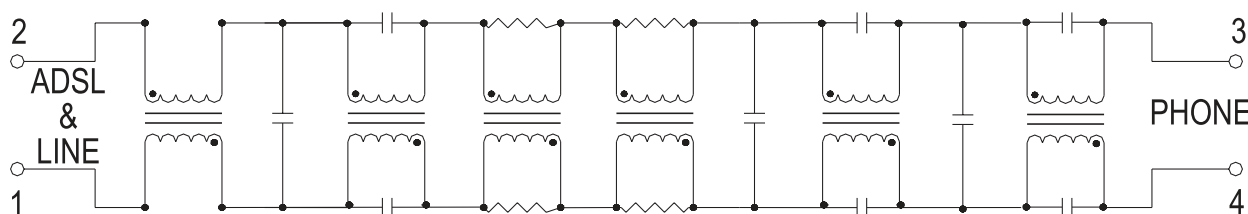
Tube35/tube

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

Unless otherwise specified,
all tolerances are $\pm \frac{.010}{0,25}$

Schematic

B8049E/B8049ENL



For More Information

Pulse Worldwide Headquarters

12220 World Trade Drive
San Diego, CA
92128
U.S.A.

Tel: 858 674 8100
Fax: 858 674 8262

Pulse Europe

Einsteinstrasse 1
D-71083 Herrenberg
Germany

Tel: 49 7032 78060
Fax: 49 7032 7806 135

Pulse China Headquarters

B402, Shenzhen Academy of
Aerospace Technology Bldg.
10th Kejinan Road
High-Tech Zone
Nanshan District
Shenzhen, PR China
518057
Tel: 86 755 33966678
Fax: 86 755 33966700

Pulse North China

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

Tel: 86 21 62787060
Fax: 86 2162786973

Pulse South Asia

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

Tel: 65 6287 8998
Fax: 65 6287 8998

Pulse North Asia

3F, No. 198
Zhongyuan Road
Zhongli City
Taoyuan County 320
Taiwan R. O. C.
Tel: 886 3 4356768
Fax: 886 3 4356823 (Pulse)
Fax: 886 3 4356820 (FRE)

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