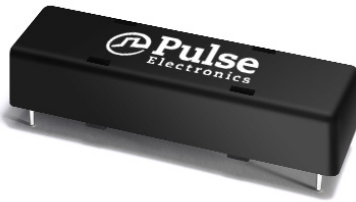


XDSL Splitter Filter Module



- 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

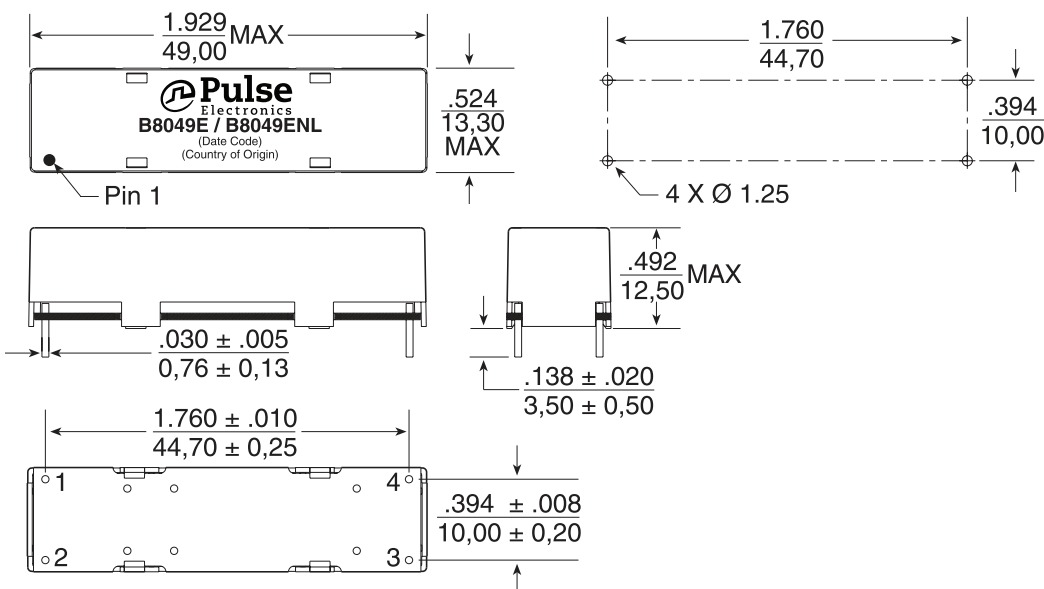
Electrical Specifications @ 25°C		
PARAMETER	FREQUENCY	
POTS Impedance	100Hz to 4kHz	270Ω + 750Ω / 150nF
POTS Insertion Loss	1Hz	-1.0dB MAX
POTS Insertion Loss Distortion relative to 1 kHz	200Hz to 4kHz	-1.0dB MAX
POTS Return Loss	300Hz to 2kHz	-14dB MIN
	2kHz to 3.4kHz	-12dB MIN
	3.4kHz to 4kHz	-8dB 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

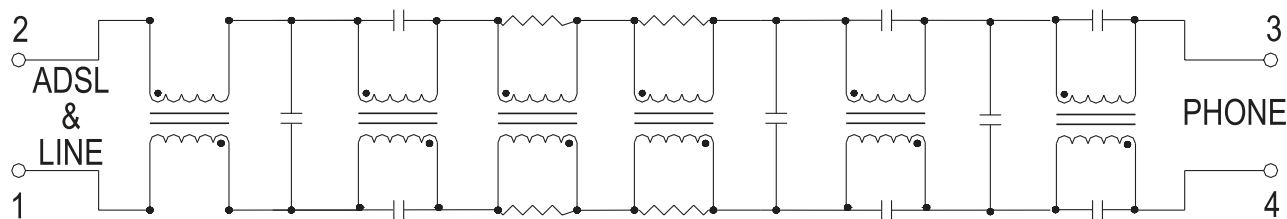
Tube35/tube

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

Unless otherwise specified,
all tolerances are $\pm \frac{.010}{0.25}$

Schematic

B8049E/B8049ENL



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