

# XDSL SPLITTER FILTER MODULE



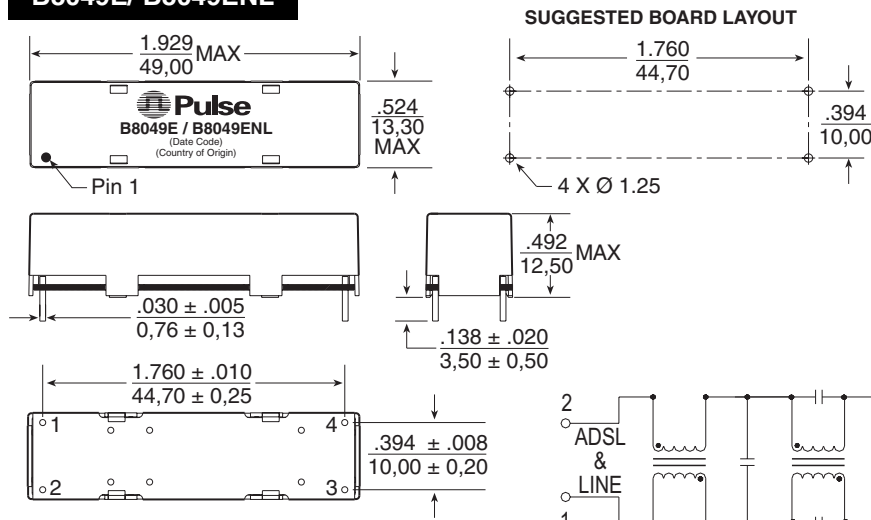
- POTS Central Office Splitter for standard ADSL applications
- Complies with option A of ETSI specification TS 101-952-1-1
- Part of a standard series which has footprint compatibility
- ADSL2+ compatible
- Low profile version of B8049: 12.5 mm height
- NL version: RoHS-6 compliant

## 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
Longitudinal Balance	100Hz to 4kHz	-46dB MIN
	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

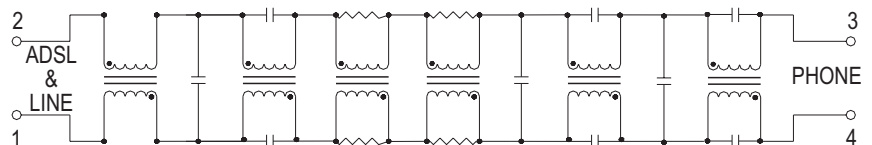
## Mechanical

### B8049E/ B8049ENL



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

## Schematic



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