

# XDSL SPLITTER FILTER MODULE



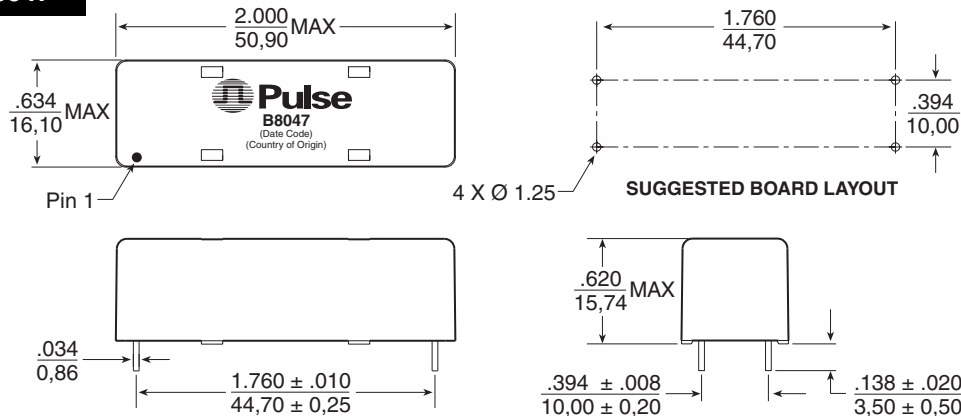
- POTS Central Office Splitter for standard ADSL applications
- Complies with option A of ETSI specification TS 101-952-1-1 with  $Z_{ADSL}$  connected
- Part of a standard series which has footprint compatibility
- ADSL2+ compatible

## 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 1kHz	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 MIN
POTS Group Delay	200Hz to 4kHz	250μs MAX
Longitudinal Balance	100Hz to 3.4kHz	-46dB MIN
ADSL Insertion Loss	32kHz to 2.2MHz	-55dB MIN
DC Current		80mA MAX
Total DC Resistance		40Ω MAX
Line Side Impedance	40kHz to 2.2MHz	1.0kΩ MIN

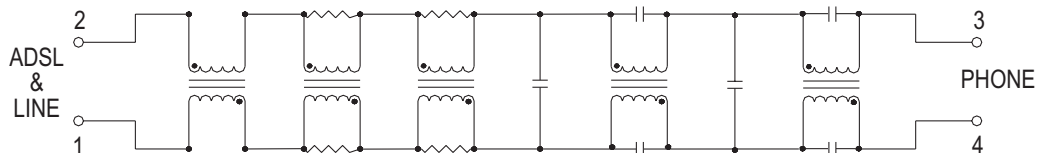
## Mechanical

### B8047



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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