





# XDSL SPLITTER FILTER MODULE

## B8049NL

### SMART Series



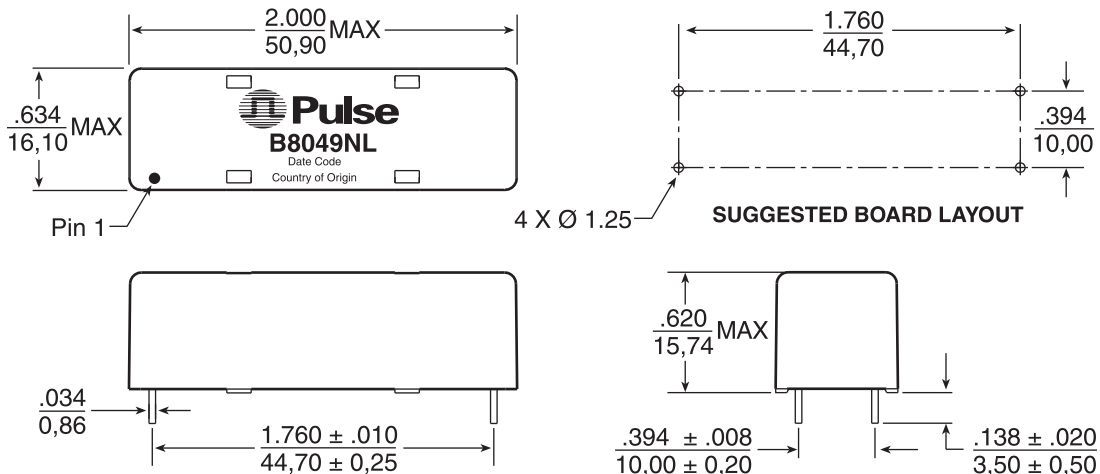
-  Complies with option A of ETSI specification TS 101-952-1-1
-  Part of a standard series which has footprint compatibility
-  ADSL2+ compatible
-  POTS Central Office Splitter for standard ADSL applications

### Electrical Specifications @ 25°C

PARAMETER	FREQUENCY	
POTS Impedance	100 Hz to 4 kHz	270 Ω + 750 Ω / 150nF
POTS Insertion Loss	1 kHz	-1.0 dB MAX
POTS Insertion Loss Distortion relative to 1 kHz	200 Hz to 4 kHz	-1.0 dB MAX
POTS Return Loss	300 Hz to 2 kHz	-14 dB MIN
	2k Hz to 3.4 kHz	-12 dB MIN
	3.4 kHz to 4 kHz	-8 dB MIN
POTS Group Delay	200 Hz to 4 kHz	250 μs MAX
Longitudinal Balance	100 Hz to 3.4 kHz	-46 dB MIN
ADSL Insertion Loss	32 kHz to 2.2 MHz	-55 dB MIN
DC Current		80 mA MAX
Total DC Resistance		40 Ω MAX
Line Side Impedance	40 kHz to 2.2 MHz	1.0 kΩ MIN
For Information - behavior at VDSL frequencies:	2.2 MHz to 12 MHz	-45 dB MIN
ADSL Insertion Loss	12 MHz to 30 MHz	-30 dB MIN

### Mechanical

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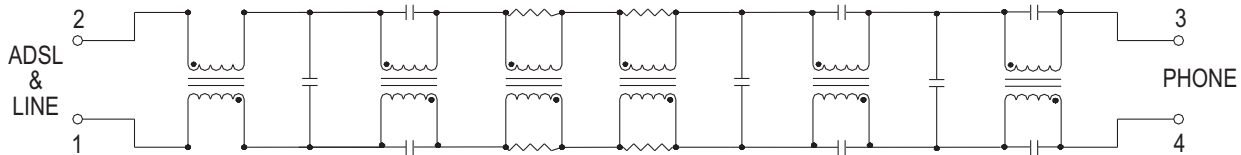
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### Schematic

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