







# XDSL SPLITTER FILTER MODULE



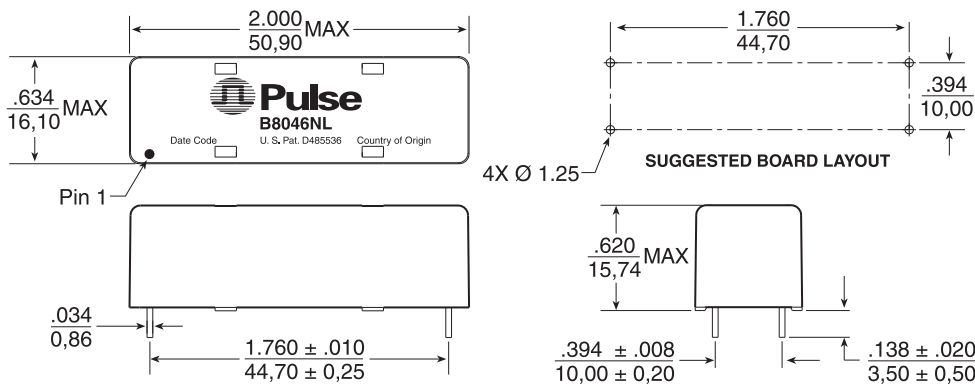
-  POTS Central Office Splitter for standard ADSL applications
-  For use with applications under BT-SIN-346 standard
-  This module is part of a standard series which has footprint compatibility
-  Patent pending
-  ADSL2+ compatible
-  NL version: RoHS-6 compliant

## Electrical Specifications @ 25°C

PARAMETER	FREQUENCY	
POTS Impedance	100 Hz to 4 kHz	320 Ω + 1050 Ω / 230 nF
POTS Insertion Loss	1 kHz	-1.0 dB MAX
POTS Attenuation Distortion relative to 1kHz	200 Hz to 3.4 kHz	±1.0 dB MAX
POTS Return Loss	200 Hz to 2 kHz	-18 dB MIN
	2 kHz to 3.4 kHz	-14 dB MIN
POTS Delay Distortion	600 Hz to 4 kHz	200 μSec MAX
Longitudinal Balance	100 Hz to 3.4 kHz	-52 dB MIN
ADSL Insertion Loss	32 kHz to 200 kHz	-29 dB MIN
	200 kHz to 2.2 MHz	-55 dB MIN
DC Current		100 mA MAX
Total DC Resistance		50 Ω MAX
For Information - behavior at VDSL frequencies: ADSL Insertion Loss	2.2 MHz to 12 MHz	-40 dB MIN
	12 MHz to 30 MHz	-30 dB MIN

## Mechanical

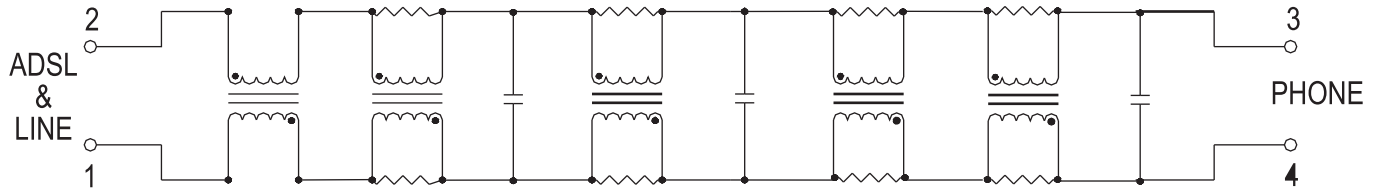
### B8046NL



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

## Schematic

**B8046NL**



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