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[Pulse Electronics Corporation](#)
[B8216NL](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

XDSL SPLITTER FILTER MODULE



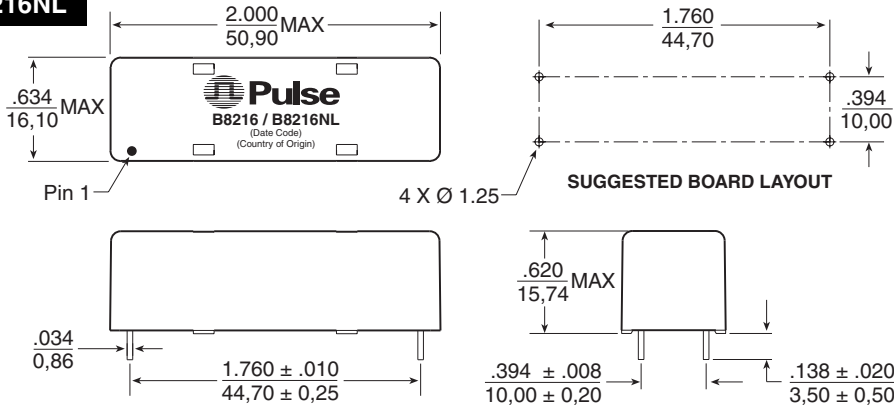
- ➊ POTS Central Office Splitter for standard ADSL applications with protection devices embedded
- ➋ BT ADSL and K20 isolation protection compliant
- ➌ Compact footprint for high density board layouts
- ➍ Patent pending
- ➎ ADSL2+ compatible
- ➏ NL version: RoHS-6 compliant

Electrical Specifications @ 25°C — Operating Temperature 0°C to -70°C

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

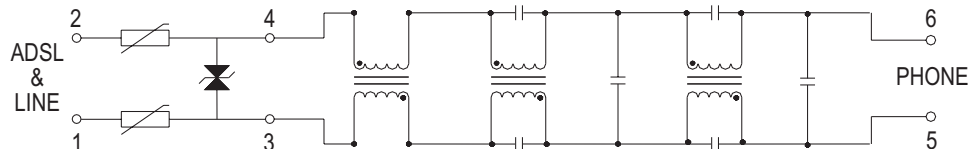
Mechanical

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Weight 15 grams
 Tray35/tray
 Dimensions: $\frac{\text{Inches}}{\text{mm}}$
 Unless otherwise specified,
 all tolerances are $\pm \frac{.010}{0,25}$

Schematic



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