





XDSL Splitter Filter Module

B8049NL SMART Series

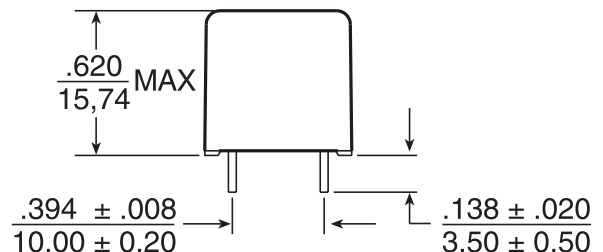
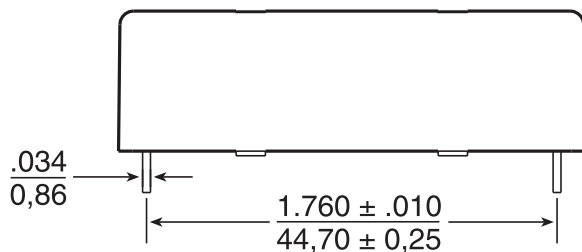
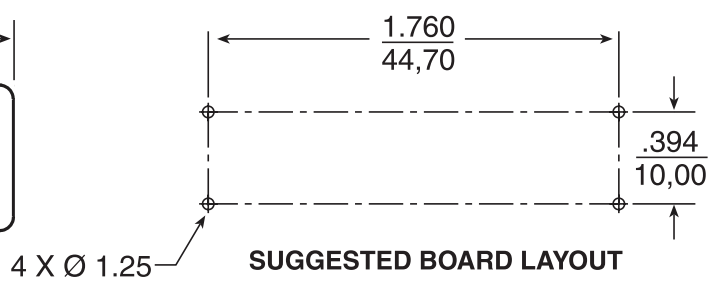
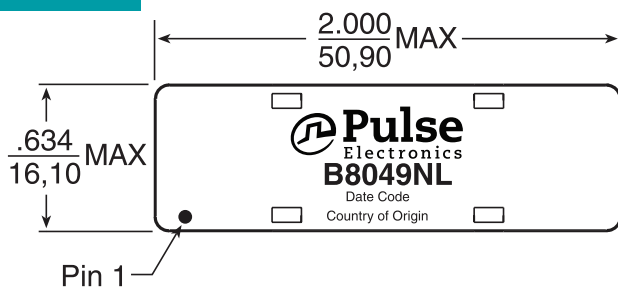


-  Complies with option A of ETSI specification TS 101-952-1-1
-  Part of a standard series which has footprint compatibility
-  ADSL2+ compatible
-  POTS Central Office Splitter for standard ADSL applications

Electrical Specifications @ 25°C		
PARAMETER	FREQUENCY	
POTS Impedance	100Hz to 4Hz	270Ω + 750Ω / 150nF
POTS Insertion Loss	1Hz	-1.0dB MAX
POTS Insertion Loss Distortion relative to 1 kHz	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 MAX
POTS Group Delay	200Hz to 4kHz	250μSec MAX
Longitudinal Balance	100Hz to 3.4kHz	-46 dB MIN
ADSL Insertion Loss	32kHz to 2.2kHz	-55 dB MIN
DC Current		80 mA MIN
Total DC Resistance		40 Ω MAX
Line Side Impedance	40kHz to 2.2MHz	1.0 kΩ MIN
For Information - behavior at VDSL frequencies:	2.2MHz to 12MHz	-45 dB MIN
ADSL Insertion Loss	12MHz to 30MHz	-30 dB MIN

Mechanical

B8049NL



USA 858 674 8100

Germany 49 7032 7806 0

Singapore 65 6287 8998

Shanghai 86 21 62787060

China 86 755 33966678

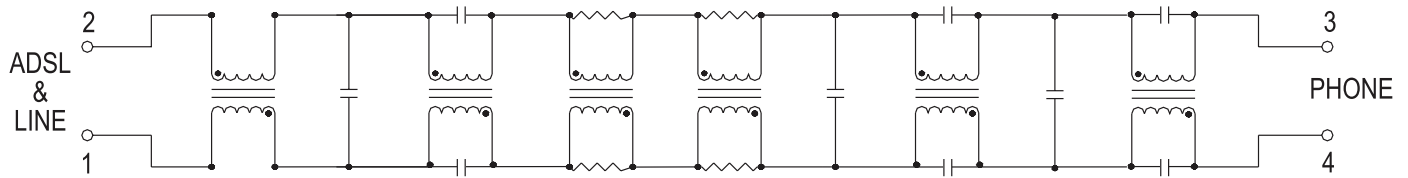
Taiwan 886 3 4356768

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Schematic

B8049ENL



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