







# XDSL SPLITTER FILTER MODULE

## SmartER series



-  POTS CO splitter for standard ADSL/VDSL2 applications
-  LPF compliant with Chinese POTS 600Ω, VDSL 100Ω requirements
-  Part of a standard series which has footprint compatibility
-  For ADSL, ADSL2+, VDSL and VDSL2 applications
-  RoHS-6 compatible
-  Patented technology

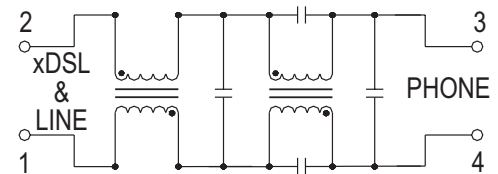
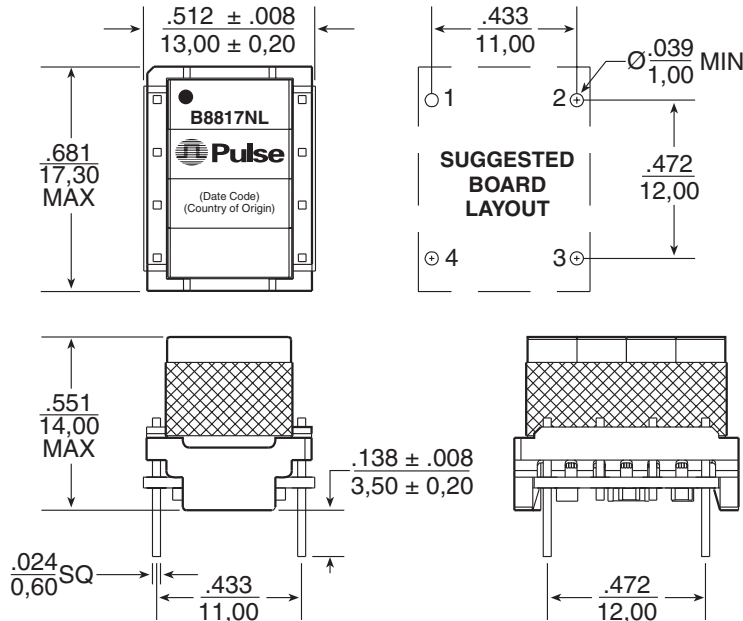
### Electrical Specifications @ 25°C

PARAMETER	FREQUENCY	
POTS Impedance	100Hz to 4kHz	600Ω
POTS Insertion Loss	1kHz	1.0dB MAX
POTS Insertion Loss Distortion relative to 1 kHz	200Hz to 4kHz	1.0dB MAX
POTS Return Loss	200Hz to 4kHz	17dB MIN
POTS Group Delay	200Hz to 4kHz	200μs MAX
Longitudinal Balance	50Hz to 600Hz	-40dB MIN
	600Hz to 3.4kHz	-46dB MIN
	3.4kHz to 4kHz	-40dB MIN
xDSL Insertion Loss	32kHz to 30MHz	55dB MIN
DC Current		100mA MAX
Total DC Resistance		25Ω MAX

### Mechanical

### Schematic

#### B8817NL



Weight ..... .50 grams  
 Tray ..... .80/tray  
 Dimensions:  $\frac{\text{Inches}}{\text{mm}}$   
 Unless otherwise specified,  
 all tolerances are  $\pm \frac{.010}{0.25}$

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