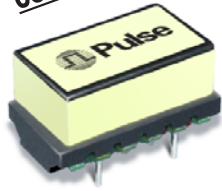








XDSL SPLITTER FILTER MODULE

SmartER series



-  POTS CO splitter for standard ADSL / VDSL2 applications
-  LPF compliant to ANSI specification T1.413-1998 for short and long loops
-  Part of a standard series which has footprint compatibility
-  For ADSL, ADSL2+, VDSL and VDSL2 applications
-  RoHS-6 compatible
-  Patented technology

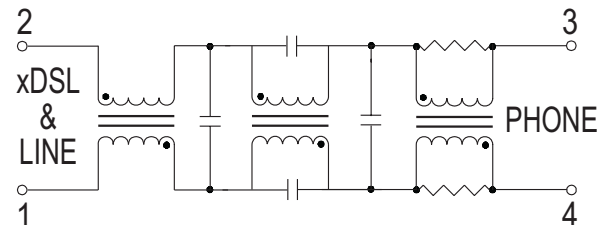
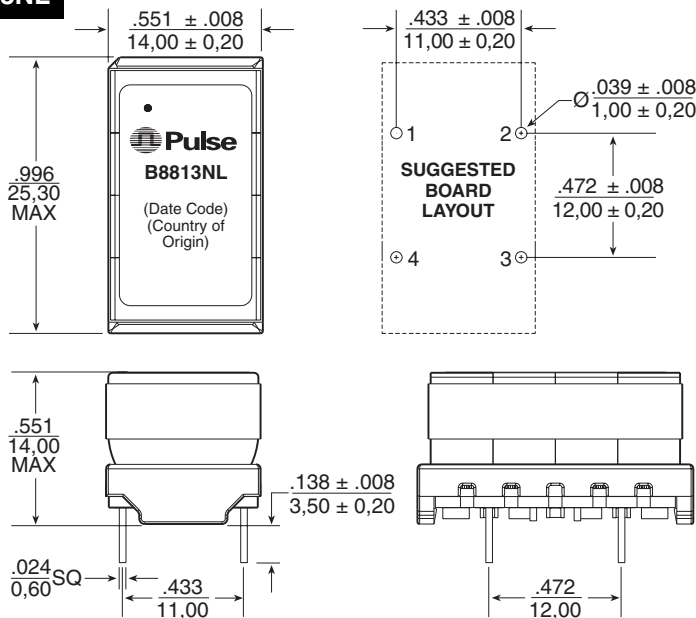
Electrical Specifications @ 25°C

PARAMETER	FREQUENCY	
POTS Impedance	100Hz to 4kHz	900Ω
POTS Insertion Loss	1kHz	0.75dB MAX
POTS Insertion Loss Distortion relative to 1kHz	200Hz to 3.4kHz	0.5dB to 1.5dB
	3.4kHz to 4kHz	1.0dB to 1.5dB
POTS Return Loss	200Hz (SRL-L)	5dB MIN
	1kHz (ERL)	8dB MIN
	2.2kHz (SRL-H)	5dB MIN
Longitudinal Balance	200Hz to 3kHz	-58dB MIN
xDSL Insertion Loss	25kHz to 30MHz	65dB MIN
DC Current		100mA MAX
Total DC Resistance		25Ω MAX

Mechanical

Schematic

B8813NL



Weight10 grams
 Tray80/tray
 Dimensions: $\frac{\text{Inches}}{\text{mm}}$
 Unless otherwise specified,
 all tolerances are $\pm \frac{.010}{0.25}$

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