







XDSL SPLITTER FILTER MODULE



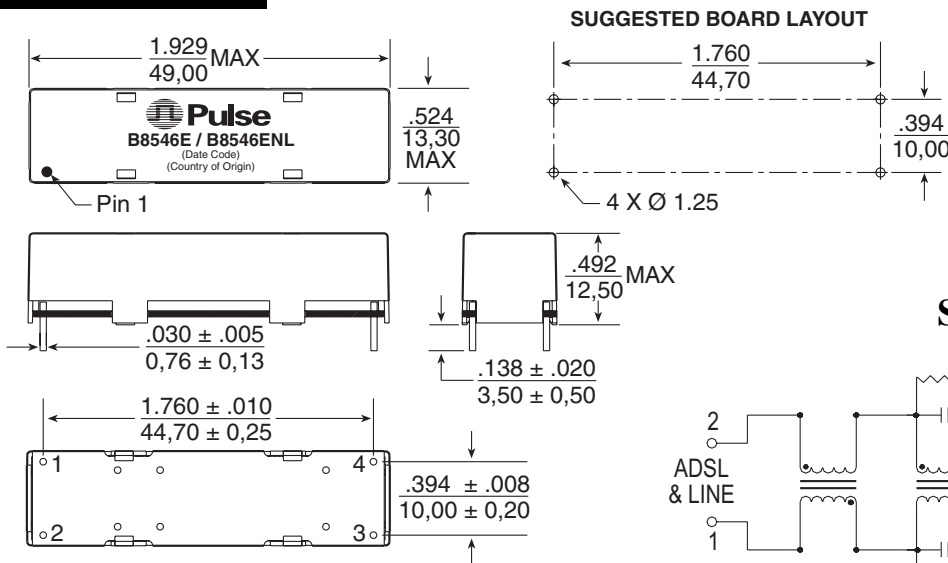
-  POTS Central Office Splitter for standard ADSL applications
-  Complies with BT-SIN-346 standard
-  Patent pending
-  Compact footprint for high density board layouts
-  Low profile version
-  NL version: RoHS compliant

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

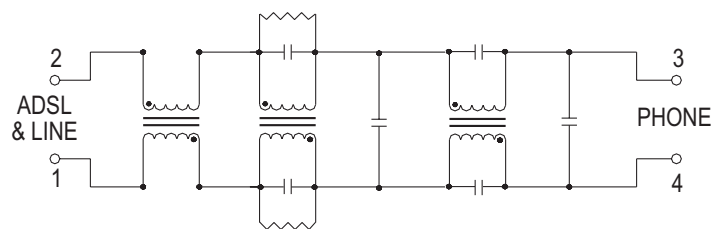
Mechanical

B8546E/ B8546ENL



Weight15 grams
 Tray45/tray
 Dimensions: $\frac{\text{Inches}}{\text{mm}}$
 Unless otherwise specified,
 all tolerances are $\pm \frac{.004}{0,10}$

Schematic



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