







# XDSL SPLITTER FILTER MODULE



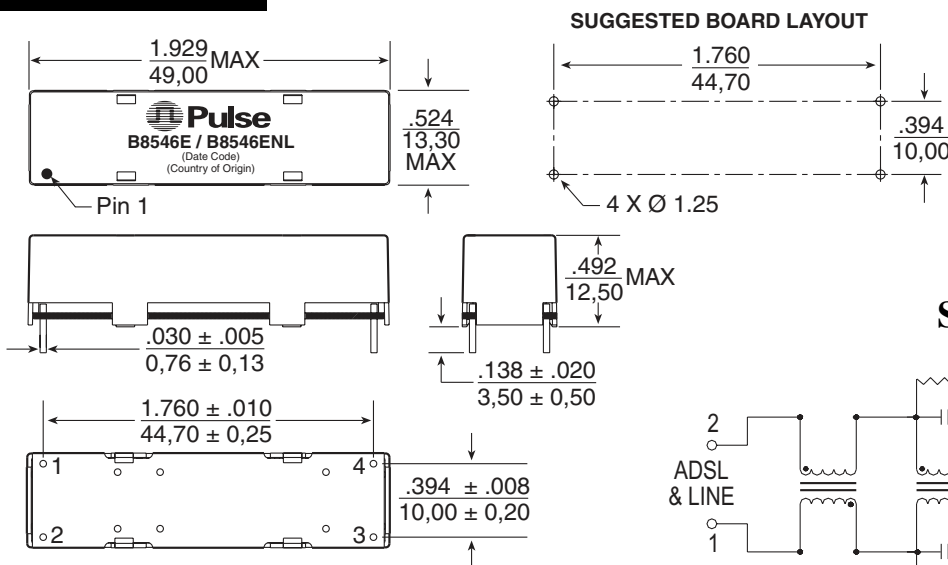
-  POTS Central Office Splitter for standard ADSL applications
-  Complies with BT-SIN-346 standard
-  Patent pending
-  Compact footprint for high density board layouts
-  Low profile version
-  NL version: RoHS compliant

## 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

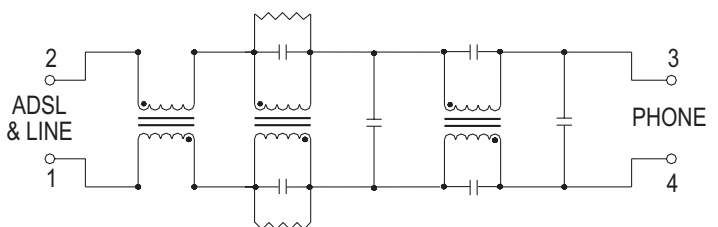
## Mechanical

### B8546E/ B8546ENL



Weight ..... .15 grams  
 Tray ..... .45/tray  
 Dimensions:  $\frac{\text{Inches}}{\text{mm}}$   
 Unless otherwise specified,  
 all tolerances are  $\pm \frac{.004}{0,10}$

## Schematic



## For More Information:

### Pulse Worldwide Headquarters

12220 World Trade Dr.  
 San Diego, CA 92128  
 U.S.A.  
[www.pulseeng.com](http://www.pulseeng.com)

### Pulse Europe

Einsteinstrasse 1  
 D-71083 Herrenberg  
 Germany

### Pulse China Headquarters

B402, Shenzhen  
 Tech-Innovation International  
 Tenth Kejinan Rd.  
 High-Tech Industrial Park  
 Nanshan District, Shenzhen  
 China

### Pulse North China

Room 1503  
 XinYin Building  
 No. 888 YiShan Rd.  
 Shanghai 200233  
 China

### Pulse South Asia

150 Kampong Ampat  
 #07-01/02  
 KA Centre  
 Singapore 368324

### Pulse North Asia

No. 26  
 Kao Ching Rd.  
 Yang Mei Chen  
 Tao Yuan Hsien  
 Taiwan, R. O. C.

Tel: 858 674 8100

Tel: 49 7032 7806 0

Tel: 86 755 33966678

Tel: 86 21 54643211/2

Tel: 65 6287 8998

Tel: 886 3 4641811

Fax: 858 674 8262

Fax: 49 7032 7806 12

Fax: 86 755 33966700

Fax: 86 21 54643210

Fax: 65 6280 0080

Fax: 886 3 4641911

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