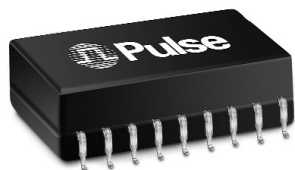


HOME PHONE NETWORKING BANDPASS FILTER



-  Approved by Agere Systems for use with Agere's HomeWire™ Chipsets HW3000/HW2000, HW3100/HW2000, and HW3130/HW2000
-  Includes isolation and EMI filtering
-  Designed to withstand 235°C peak infrared reflow temperature

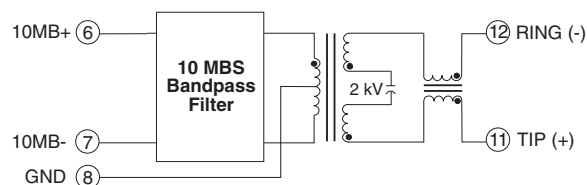
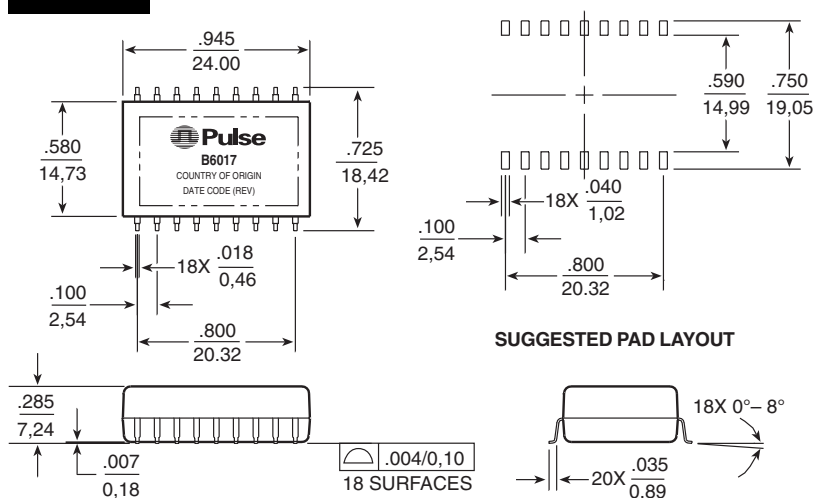
Electrical Specifications @ 25°C — Operating Temperature -40°C to +125°C

10M8 PARAMETERS	MIN	MAX
Insertion Loss 4.75 MHz to 9.25 MHz	1.2 dB	2.2 dB
Attenuation 1.0 MHz 22.0 MHz 54.0 MHz	60 dB 35 dB 50 dB	
Frequency Response (Ripple) 4.75 MHz to 6.25 MHz 8.0 MHz to 9.25 MHz		0.7 dB 0.7 dB
Return Loss 4.75 MHz to 9.25 MHz	12.0 dB	
Common to Differential Mode Rejection 4 MHz to 10 MHz 20 MHz 50 MHz 100 MHz	50 dB 40 dB 40 dB 30 dB	
Isolation	2000 Vrms	

Mechanical

Schematic

B6017



Weight 4.5 grams
Tape & Reel250/reel
Tube30/tube

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

For More Information :

UNITED STATES (Worldwide)

12220 World Trade Drive
San Diego, CA 92128
U.S.A.
<http://www.pulseeng.com>
TEL: 619 674 8100
FAX: 619 674 8262

UNITED KINGDOM (Northern Europe)

1 & 2 Huxley Road
The Surrey Research Park
Guildford, Surrey GU2 5RE
United Kingdom
TEL: 44 1483 401700
FAX: 44 1483 401701

FRANCE (Southern Europe)

Zone Industrielle
F-39270
Orgelet
France
TEL: 33 3 84 35 04 04
FAX: 33 3 84 25 46 41

SINGAPORE (Southern Asia)

150 Kampong Ampat
#07-01/02
KA Centre
Singapore 368324
TEL: 65 287 8998
FAX: 65 280 0080

TAIWAN, R.O.C. (Northern Asia)

3F-4, No. 81, Sec. 1
HsinTai Wu Road
Hsi-Chih, Taipei Hsien
Taiwan, R.O.C.
Tel: 886 2 2698 0228
FAX: 886 2 2698 0948

HONG KONG (Great China)

19/F, China United Plaza
1008 Tai Nan West Street
Cheung Sha Wan, Kowloon
Hong Kong, China
TEL: 852 2788 6588
FAX: 852 2776 1055

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