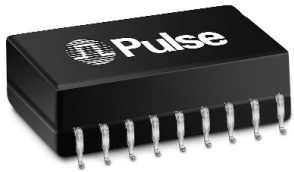


HOME PHONE NETWORKING BANDPASS FILTER



- 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

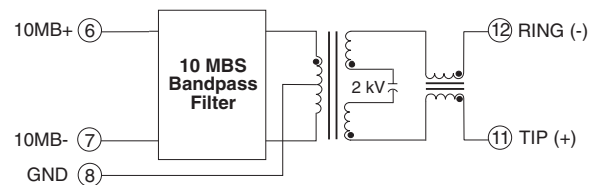
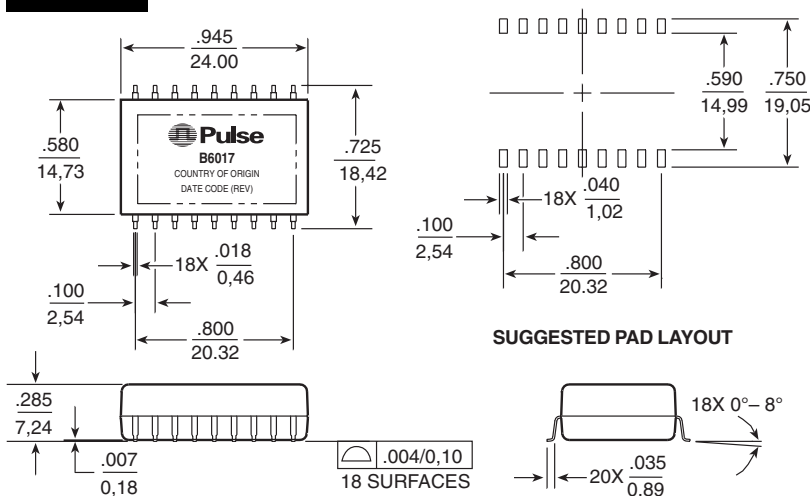
Electrical Specifications @ 25°C — Operating Temperature -40°C to +125°C

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	DISTRIBUTOR
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