



# 500 MHz ceramic bandpass filter

## Part Number: AM500B1584



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

### Electrical specifications

**Center Frequency (Fo):** 500 MHz  
**Bandwidth (BW)** 15 Mhz  
**Insertion loss (Fo):** 1.6 dB max  
**Ripple in BW:** 1.0 dB max  
**VSWR:** 1.5:1 min  
**Attenuation 1:** 50dB min@300 MHz  
**Attenuation 2:** 35dB min@400 MHz  
**Attenuation 3:** 35dB min@600 MHz  
**Attenuation 4:** 40dB min@1100 MHz  
**In/Out impedance :** 50 Ω  
**Input Power:** 1 Watt

### Mechanical

**Mounting Method:** SMT  
**Dimensions:** 14.2 X 26.7 X 6.85 mm

### Environmental

**Operating Temperature:** -20 to +70° C  
**Storage Temperature:** -55 to +95° C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 MHz

### Outline Drawing:

