



# 1950-2055 MHz Ceramic Bandpass Filter

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

**Part Number: AM2002B1421**



## Electrical specifications

**Center Frequency:** 2002.5 MHz  
**Bandwidth:** 105 MHz min  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 1950-2055 MHz  
**Passband Insertion Loss:** 1.2 dB max  
**Passband Ripple:** 1.0 dB max  
**Passband Return Loss:** 17 dB min  
**Rejection:** 44 dB min @ 1740 MHz  
**Rejection 2:** 28 dB min @ 2312-2332 MHz  
**Rejection 3:** 50 dB min @ 2500-4000 MHz  
**Power Handling:** 1 Watt

## Mechanical

**Mounting Method:** SMT  
**Dimensions:** 18.29 x 13.97 x 4.83 mm  
(.72 x .55 x .19 in.)

## Environmental

**Operating Temperature:** -40°C to +85°C  
**Storage Temperature:** -50°C to +90°C

**This product is RoHs compliant.**

## Outline Drawing:

