



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

# 4070.5 MHz Ceramic Bandpass Filter

**Part Number: AM4070B525**



## Electrical specifications

**Center Frequency:** 4070.5 MHz  
**Bandwidth:** 50 MHz  
**VSWR:** 15 dB min  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 4045.5-4095.5 MHz  
**Passband Insertion Loss:** 3.7 dB typ.  
**Passband Ripple:** 1.0 dB max  
**Rejection:** 45 dBc min at 10-3499 MHz  
**Rejection 2:** 30 dBc min at 3988 MHz  
**Rejection 3:** 30 dBc min at 4153 MHz  
**Rejection 4:** 45 dBc min at 4651-5815 MHz  
**Rejection 5:** 30 dBc min at 6000-8140 MHz  
**Power Handling:** 1 Watt max

## Mechanical

**Mounting Method:** SMT  
**Dimensions:** 22.86 x 12.70x 4.83 mm

## Environmental

**Operating Temperature:** -33°C to 70°C  
**Storage Temperature:** -50°C to +90°C

**This product is RoHs compliant.**

## Outline Drawing:

