



### Electrical specifications

**Center Frequency:** 742 MHz  
**Bandwidth:** 13 MHz min  
**VSWR:** 2.0 : 1  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 735.5-748.5 MHz  
**Passband Insertion Loss:** 4.0 dB max  
**Rejection:** 25 dB min at 553.2-581.2 MHz  
**Rejection 2:** 20 dB min at 698-716 MHz  
**Rejection 3:** 30 dB typ at 698-716 MHz  
**Rejection 4:** 20 dB min at 777-787 MHz  
**Rejection 5:** 30 dB typ at 777-787 MHz  
**Rejection 6:** 50 dB min at 1107.2-1135.2 MHz  
**Rejection 7:** 50 dB min at 1282-1310 MHz  
**Power Handling:** 2 W

### Mechanical

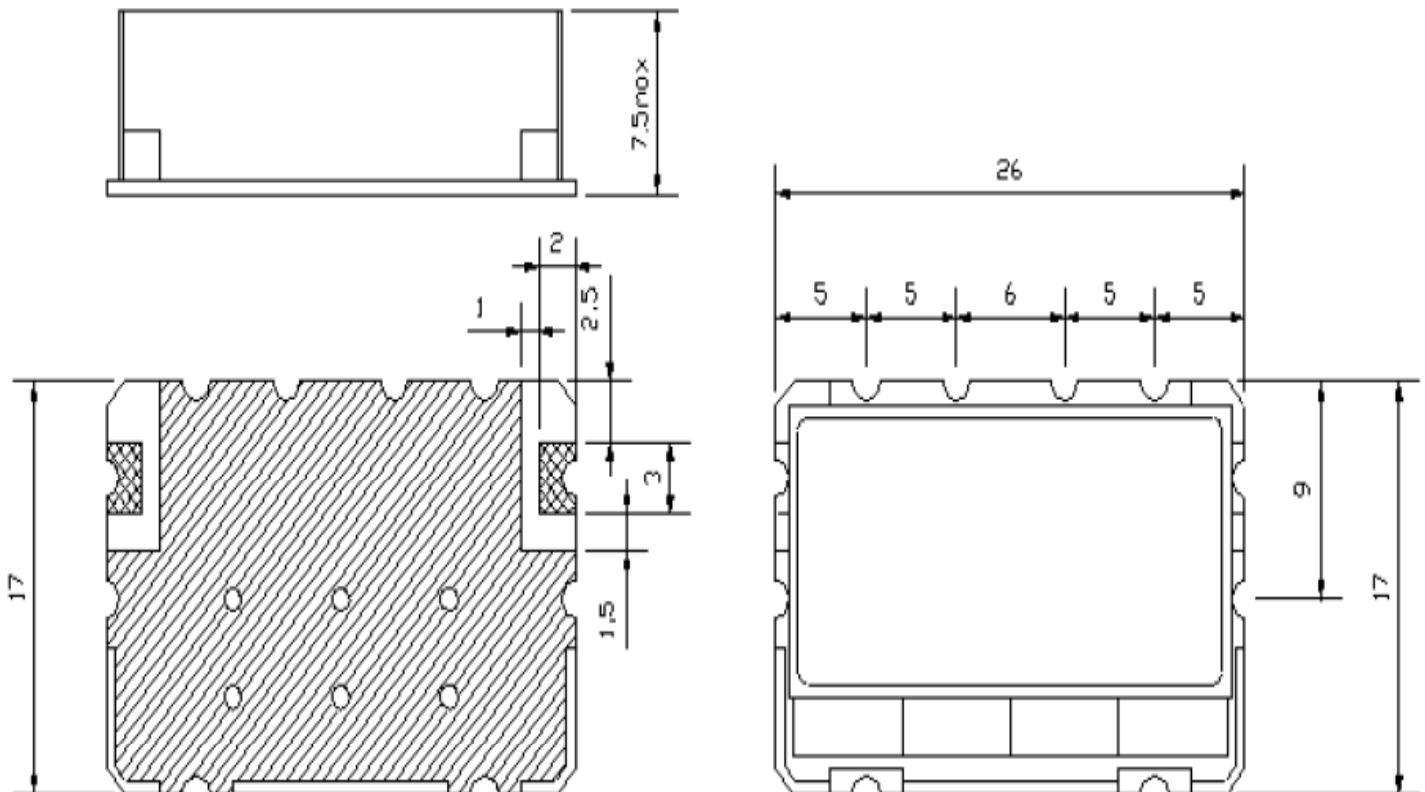
**Mounting Method:** SMT  
**Dimensions:** 26 x 17 x 7.5 mm

### Environmental

**Operating Temperature:** -20°C to 70°C  
**Storage Temperature:** -50°C to +90°C

This product is RoHs compliant.

### Outline Drawing:







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

# 742 MHz Ceramic Bandpass Filter

Part Number: AM742B1240



## Response Plot:

