



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

# 742 MHz Ceramic Bandpass Filter

Part Number: AM742B1240



## 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

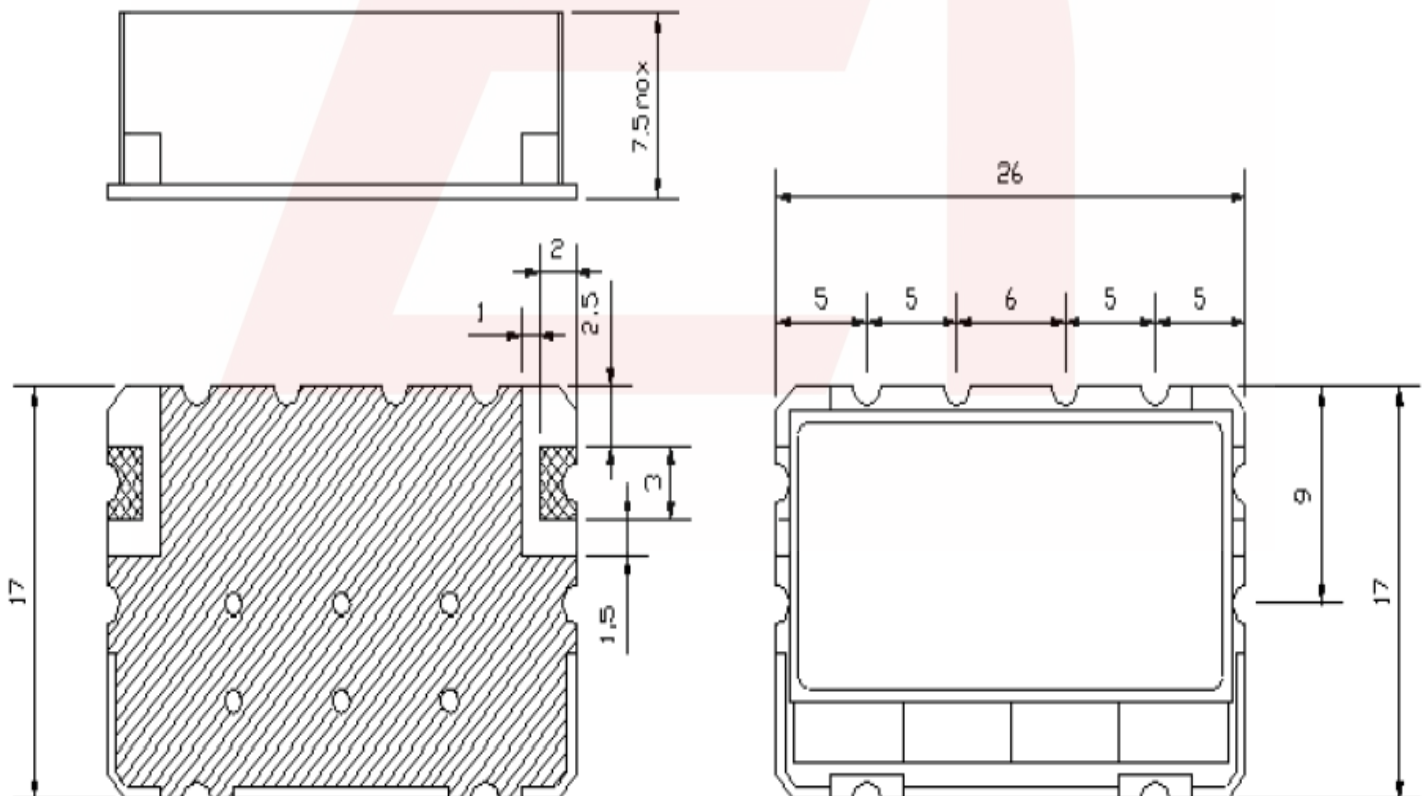
## Environmental

**Operating Temperature:** -20°C to 70°C

**Storage Temperature:** -50°C to +90°C

This product is RoHS compliant.

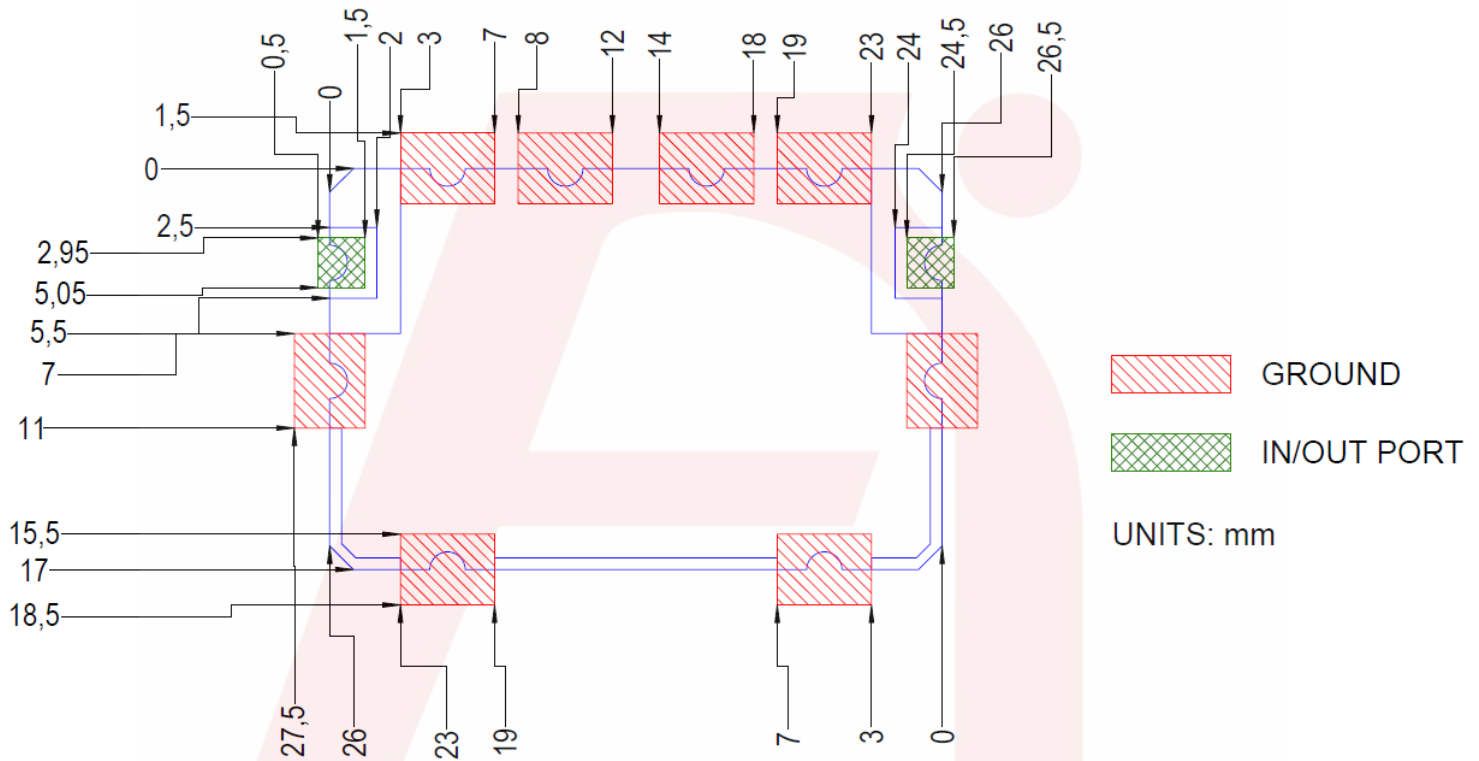
## Outline Drawing:



DS-B1240-02092015-Rev0



### PCB Layout



\*For Reference Only.



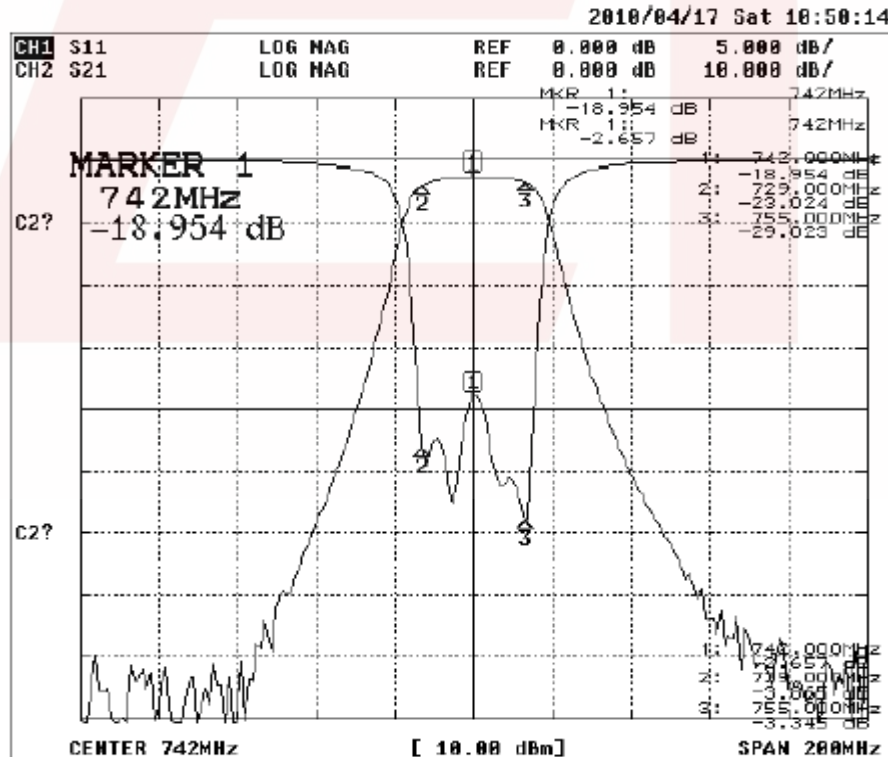
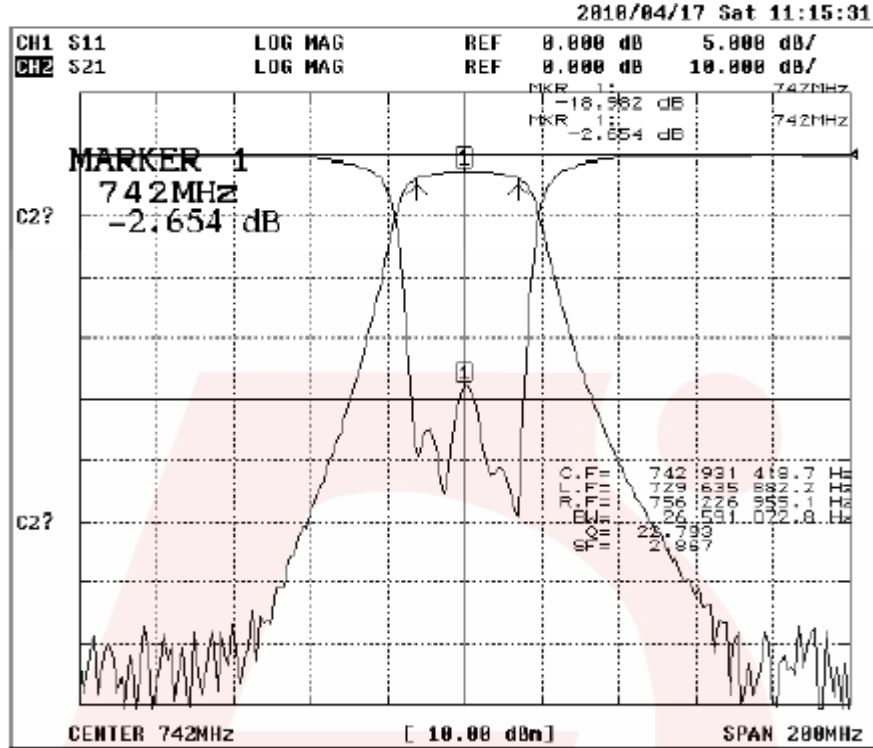
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### Response Plot:



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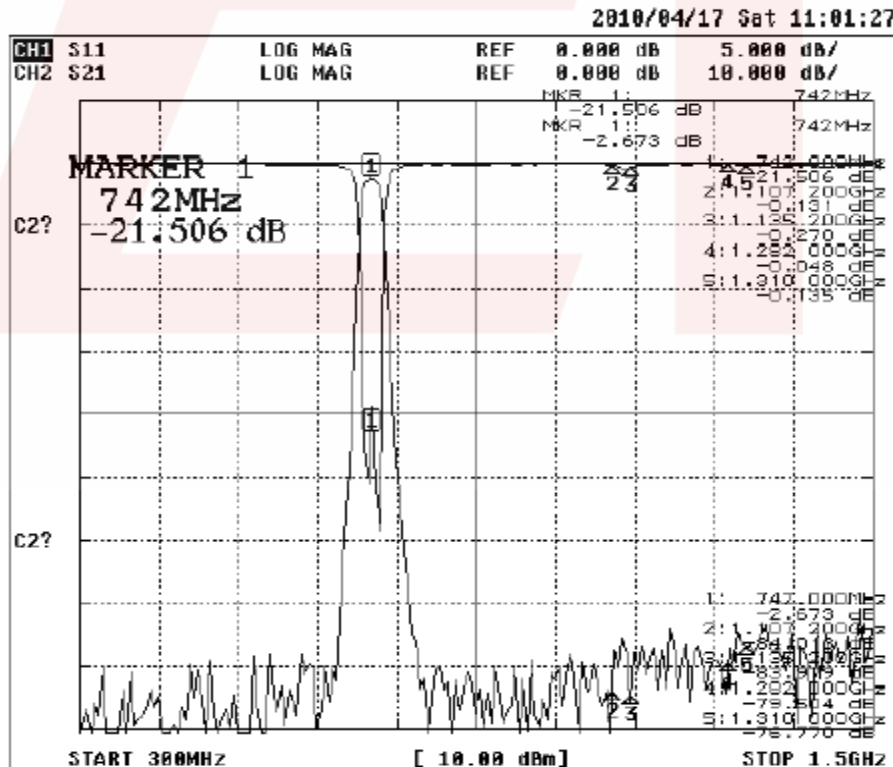
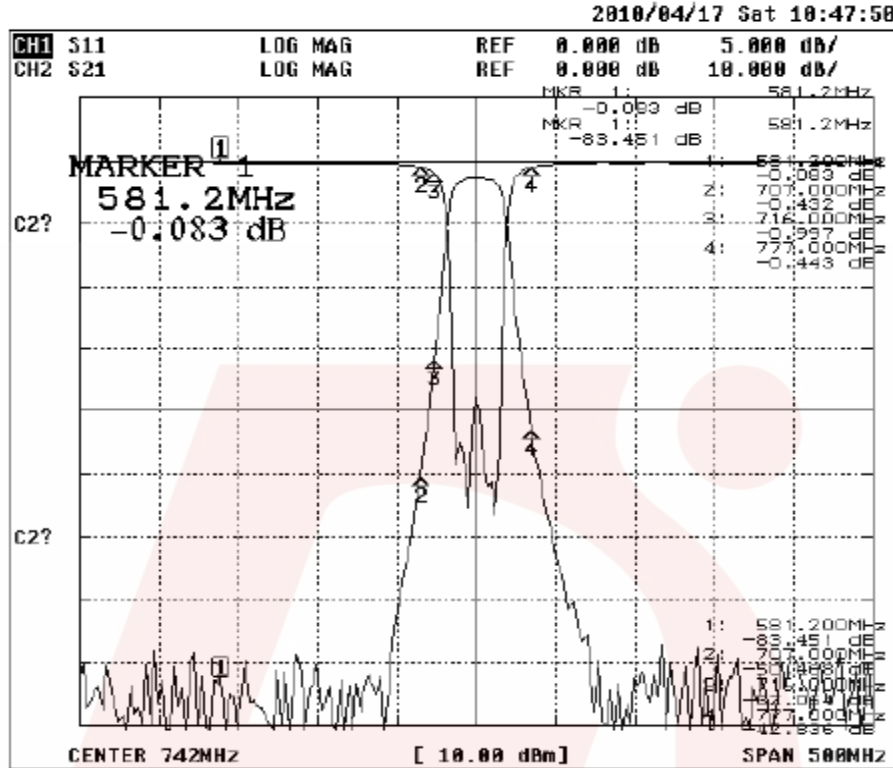
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