



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

# 836.5 MHz Ceramic Bandpass Filter

**Part Number: AM836B1469**



## Electrical specifications

**Center Frequency:** 836.5 MHz  
**Bandwidth:** 25 MHz  
**VSWR:** 1.7 : 1  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 824-849 MHz  
**Passband Insertion Loss:** 3.5 dB max  
**Passband Ripple:** 1.0 dB max  
**Rejection:** 50 dB min at 516.8-541.8 MHz  
**Rejection 2:** 30 dB min at 670.4-695.4 MHz  
**Rejection 3:** 20 dB min at 869-894 MHz  
**Power Handling:** 3 W  
**Group delay variation:** 10 nsec max

## Mechanical

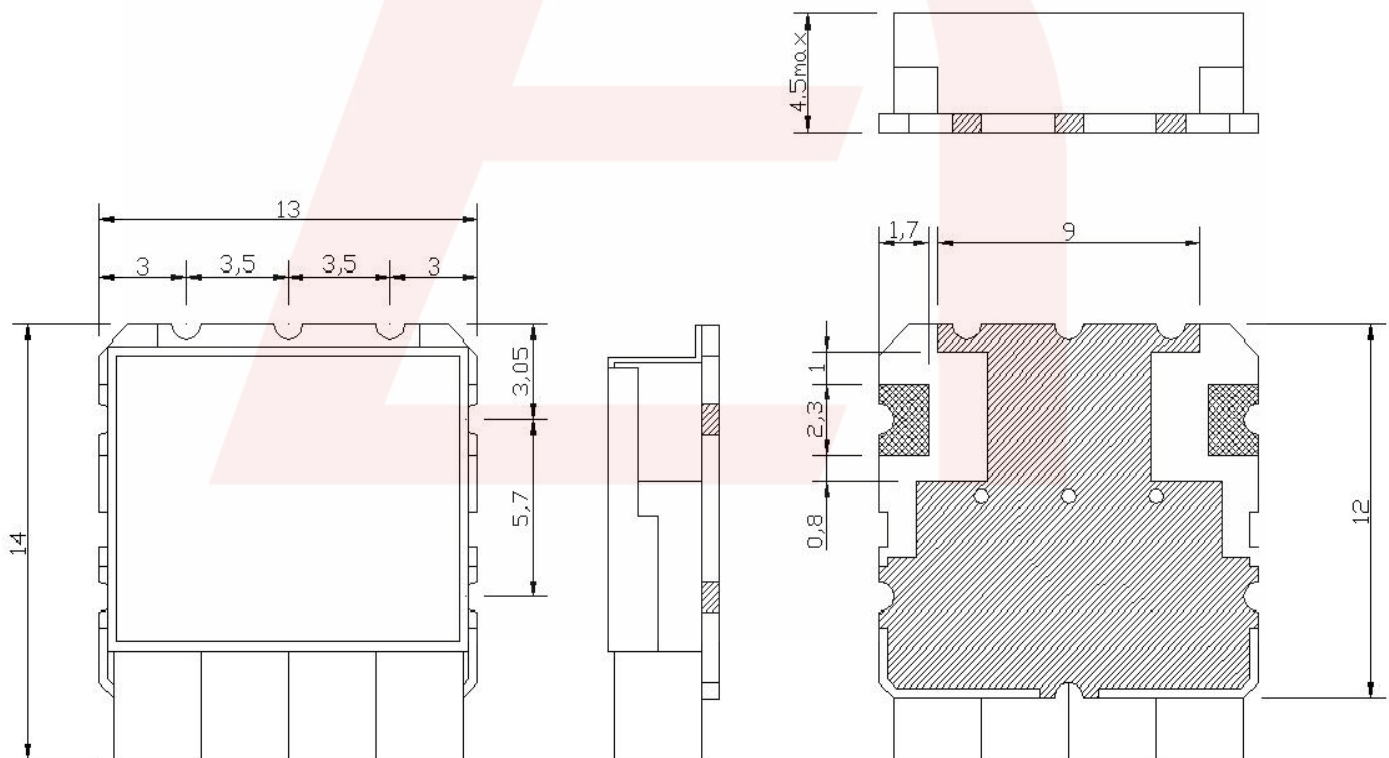
**Mounting Method:** SMT  
**Dimensions:** 14 x 13 x 4.5 mm

## Environmental

**Operating Temperature:** -20°C to +70°C  
**Storage Temperature:** -50°C to +90°C  
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 200 Hz

**This product is RoHs compliant.**

## Outline Drawing:



Unit:mm  
Tolerance:±0.3

DS-B1469-02092015-Rev0



### Response Plot:

