



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

# 897 MHz Ceramic Bandpass Filter

**Part Number: AM897B1284**



## Electrical specifications

**Center Frequency:** 897.5 MHz  
**Bandwidth:** 35 MHz  
**VSWR:** 1.7 : 1 min.  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 880-915 MHz  
**Passband Insertion Loss:** 3.0 dB max  
**Passband Ripple:** 1.0 dB max  
**Rejection:** 8dB min at 925-960 MHz  
**Rejection 2:** 30dB min at 726-761.4 MHz  
**Rejection 3:** 50dB min at 1187.2-1222.2 MHz  
**Power Handling:** 3 W max

## Mechanical

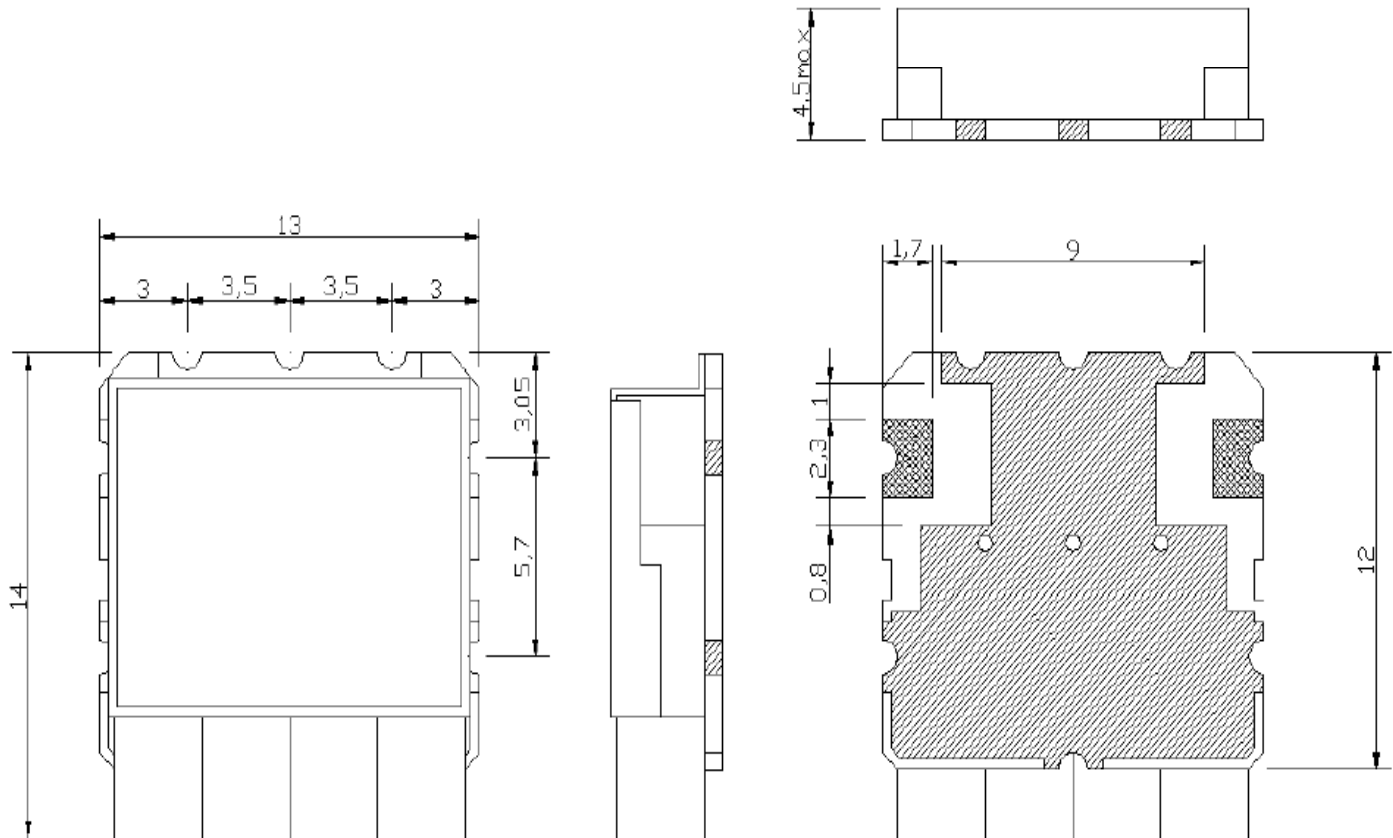
**Mounting Method:** SMT  
**Dimensions:** 14mm x 13mm x 4.5mm

## Environmental

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

**This product is RoHs compliant.**

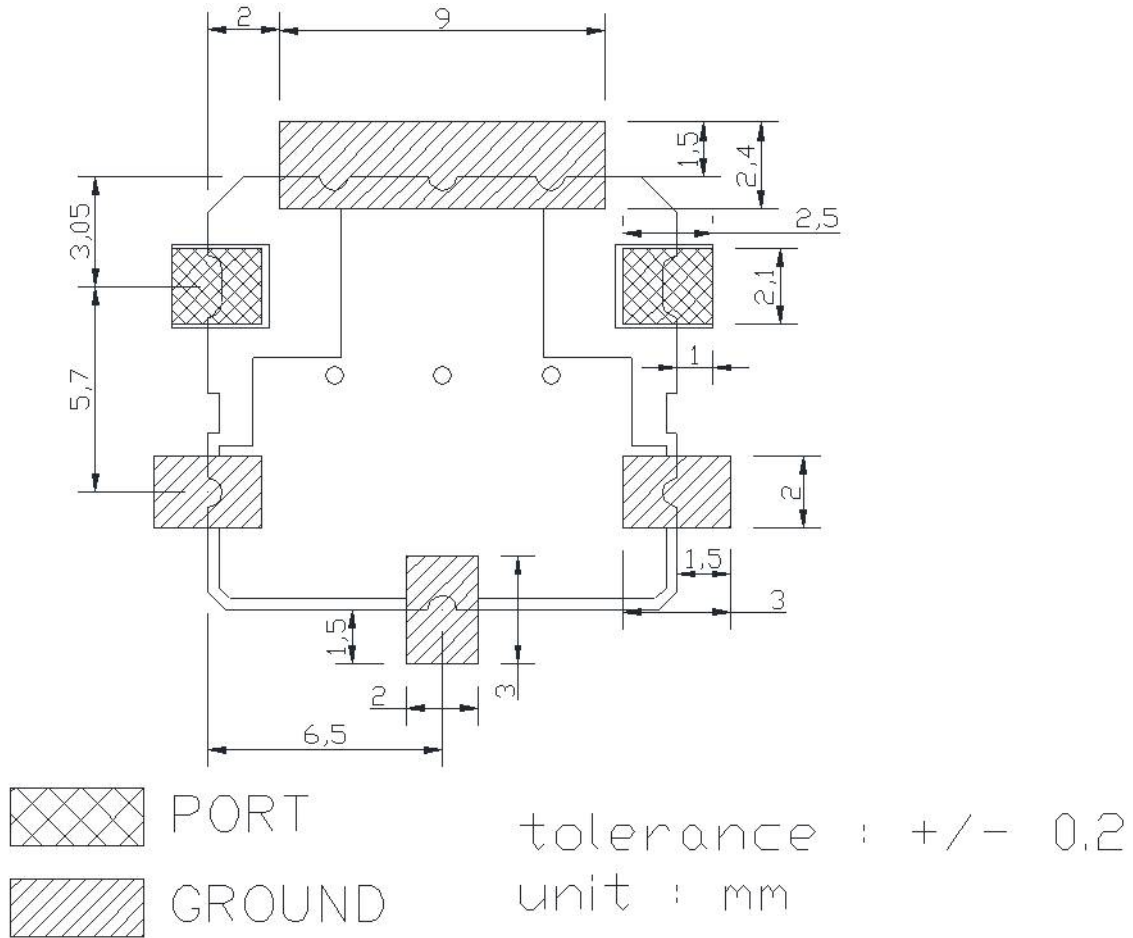
## Outline Drawing:



Unit:mm  
Tolerance:±0.3



### Foot Print:





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## Response Plots:

