



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

# 1250 MHz Ceramic Band Pass Filter

**Part Number: AM1250B1025**



## Electrical specifications

**Center Frequency:** 1250 MHz  
**0.5dB Bandwidth:** 70 MHz  
**Passband:** 1215-1285 MHz  
**Insertion Loss:** 2 dB max  
**VSWR:** 1.7:1 max  
**Rejection 1:** 30 dBc min @ 1100 MHz  
**Rejection 2:** 50 dBc min @ 900 MHz  
**Rejection 3:** 30 dBc min @ 1400 MHz  
**Rejection 4:** 50 dBc min @ 1600 MHz  
**Power Handling:** 1 W  
**Group Delay Variation:** 2 nsec  
**Input / Output Impedance:** 50 Ohms

## Mechanical

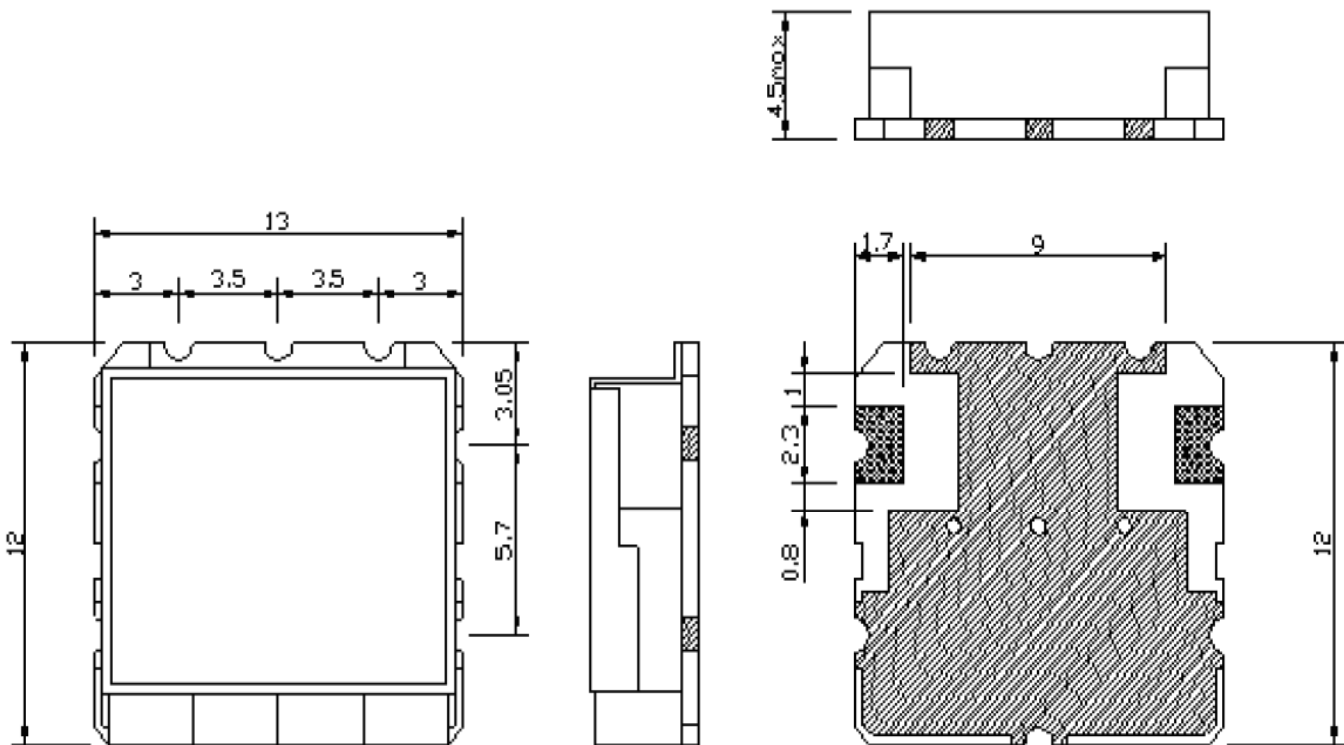
**Mounting Method:** SMT  
**Dimensions:** 13 x 12 x 4.5 mm

## Environmental

**Operating Temperature:** -30°C to +85°C  
**Storage Temperature:** -50°C to +90°C

**This product is RoHs compliant.**

## Outline Drawing:



2 decimal places: +/-0.01 inches [+/- 0.3mm]  
 3 decimal places: +/- 0.005 inches [+/- 0.13mm]  
 Angles: +/- 1 Deg.

When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.



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## Response Plot:

