



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

# 1090 MHz Ceramic Bandpass Filter

**Part Number: AM1090B1477**



## Electrical specifications

**Center Frequency:** 1090 MHz  
**Bandwidth:** 10 MHz  
**VSWR:** 1.8 : 1 Max.  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 1085-1095 MHz  
**Passband Insertion Loss:** 6.0 dB Max  
**Passband Ripple:** 0.7 dB Max  
**Rejection1:** 55 dB Min at 1065 MHz  
**Rejection 2:** 48 dB Min at 1113 MHz  
**Power Handling:** 3 watt

## Mechanical

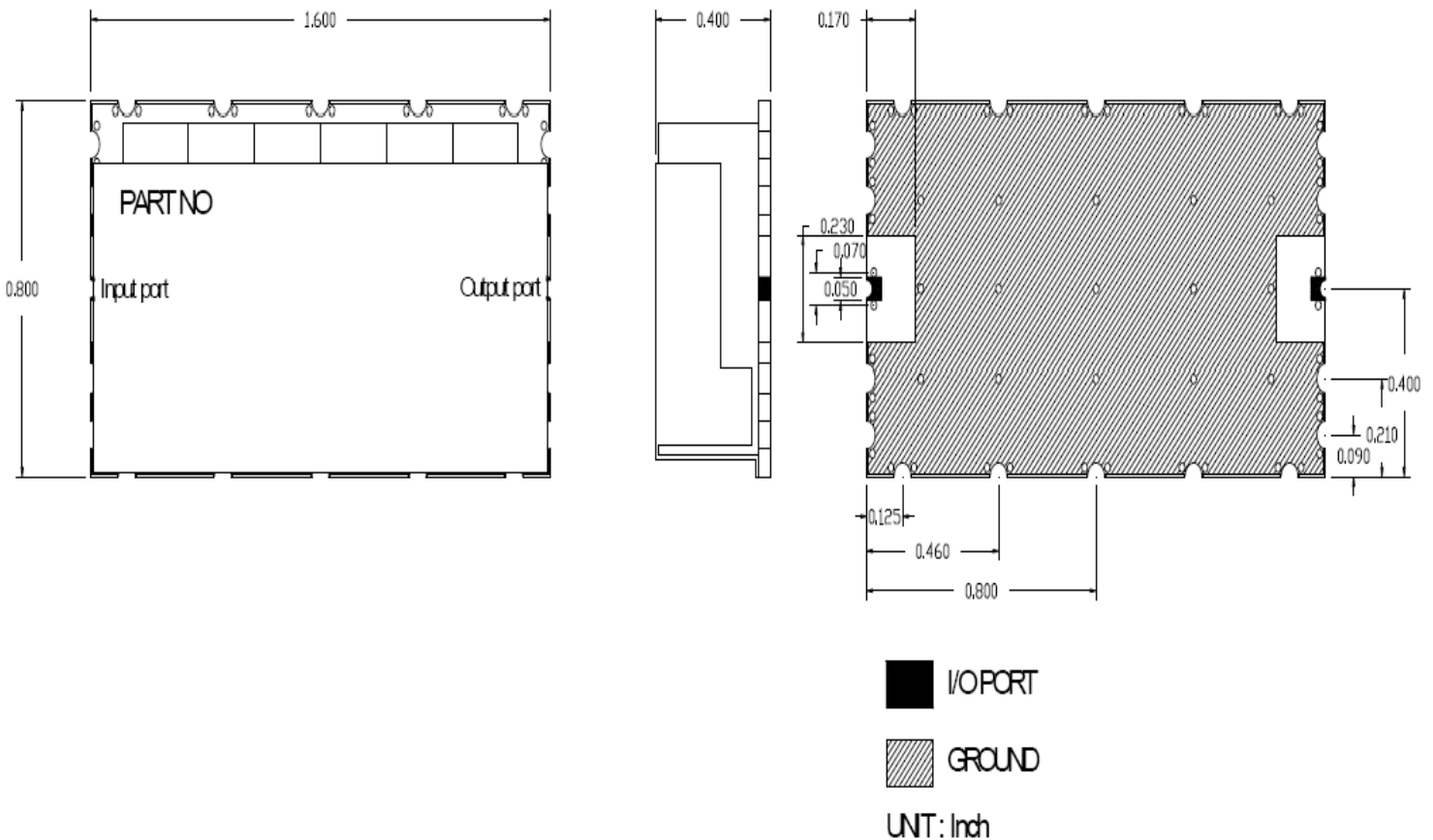
**Mounting Method:** SMT  
**Dimensions:** 1.6" x .800" x .400"

## Environmental

**Operating Temperature:** -20°C to 85°C  
**Storage Temperature:** -50°C to +90°C

**This product is RoHs compliant.**

## Outline Drawing:



Tolerance: +/-0.01 inches [ +/- 0.3mm]

Angles: +/- 1 Deg.

\*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

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



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

# 1090 MHz Ceramic Bandpass Filter

**Part Number: AM1090B1477**



## Response Plots:

