



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

# 1662.5 MHz Ceramic Connectorized Band Pass Filter

**Part Number: AE1662B11115-C**



## Electrical Specifications

**Center Frequency (Fo) :** 1662.5 MHz  
**1dB Bandwidth:** 55 MHz Min.  
**Insertion Loss @ (Fo):** 2.5dB Max.  
**Return Loss in BW:** 15dB Min.  
**Rejection1:** 60 dB Min. @ 1550 MHz  
**Rejection2:** 35dB typ.33 dB Min. @ 1600 MHz  
**Rejection3:** 18 dB Min. @ 1615 MHz  
**Rejection4:** 5 dB Min. @ 1625 MHz  
**Rejection5:** 5 dB Min. @ 1700 MHz  
**Rejection6:** 27 dB Min. @ 1720 MHz  
**Rejection7:** 49 dB Min. @ 1765 MHz  
**Impedance:** 50 Ohms  
**Power Input:** 5 W Max.

## Mechanical

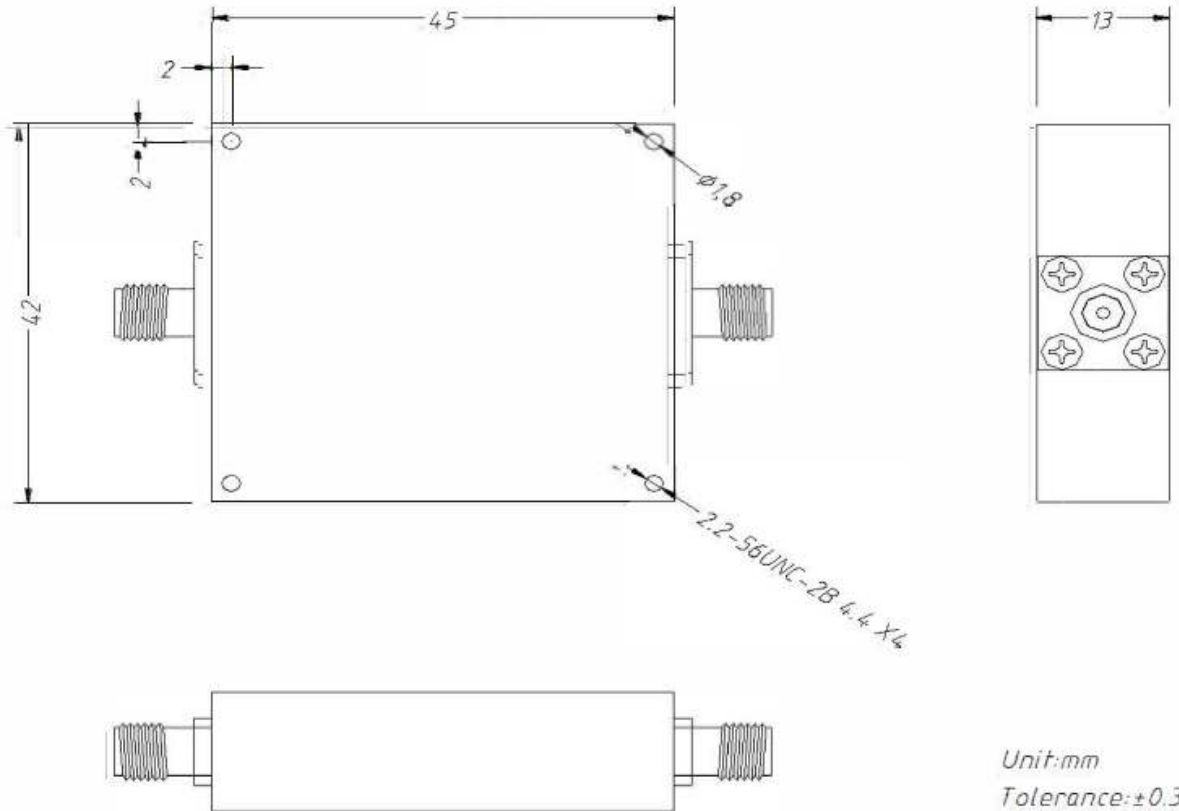
**Mounting Method:** 2-56 Threaded Hole  
**Connector Type:** SMA(F)  
**Dimensions:** 45x 42 x 13 mm  
**Finish:** Black paint

## Environmental

**Operating Temperature:** -25°C to +70°C  
**Storage Temperature:** -60°C to +90°C  
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 200Hz

**RoHs Compliant**  
**Weatherproof to IP45**

## Outline Drawing:



DS-B11115-C-04092019-Rev0



### Simulation Plot :

