



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

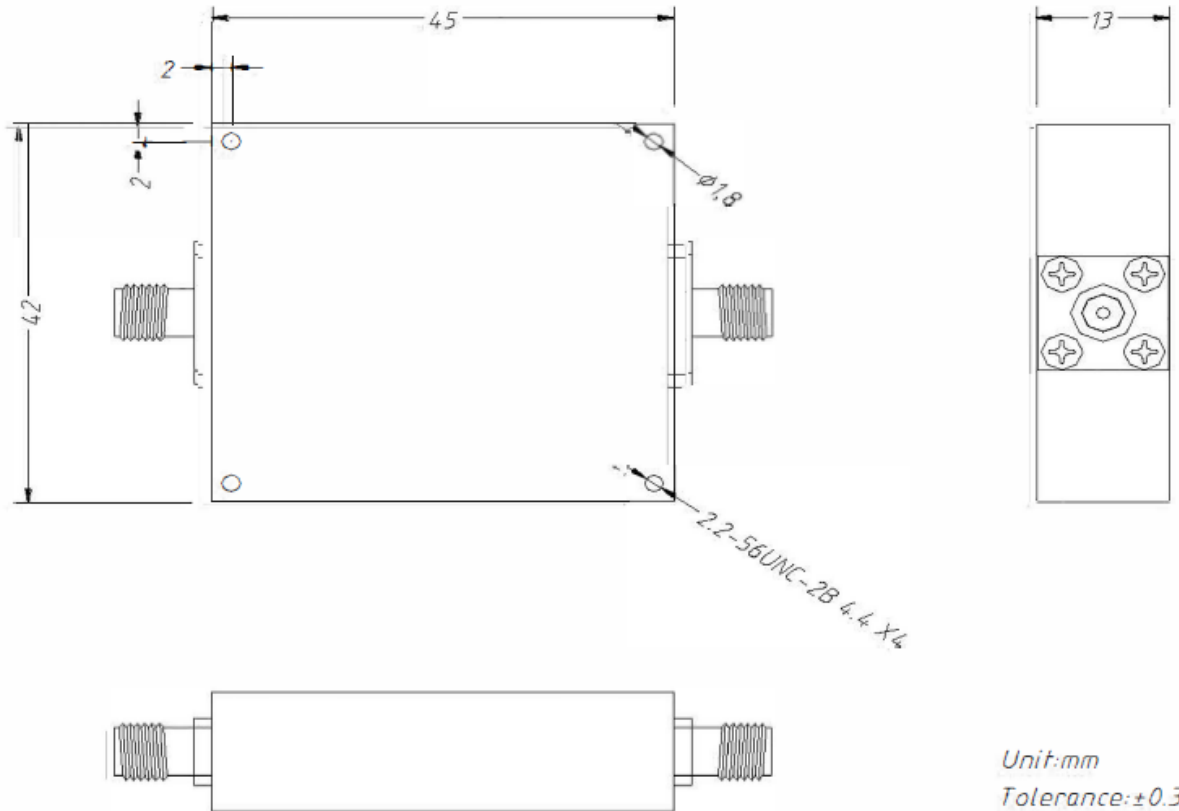
Mounting Method: 2-56 Threaded Hole
Connector Type: SMA(F)
Dimensions: 45x 42 x 13 mm
Finish: Black paint

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:





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Simulation Plot :

