



**Electrical specifications**

**Center Frequency:** 1437.5 MHz  
**Pass Band:** 1375-1500 MHz  
**Insertion loss:** 1.0 dB Max  
**Return loss:** 15 dB Min  
**Rejection 1:** ≥40dB@1337.5 MHz  
**Rejection 2:** ≥50 dB @ 1175-1300 MHz  
**Rejection 3:** ≥40dB@1537.5MHz  
**Rejection 4:** ≥50 dB @ 1575-1700 MHz  
**Power Handling:** 25 W

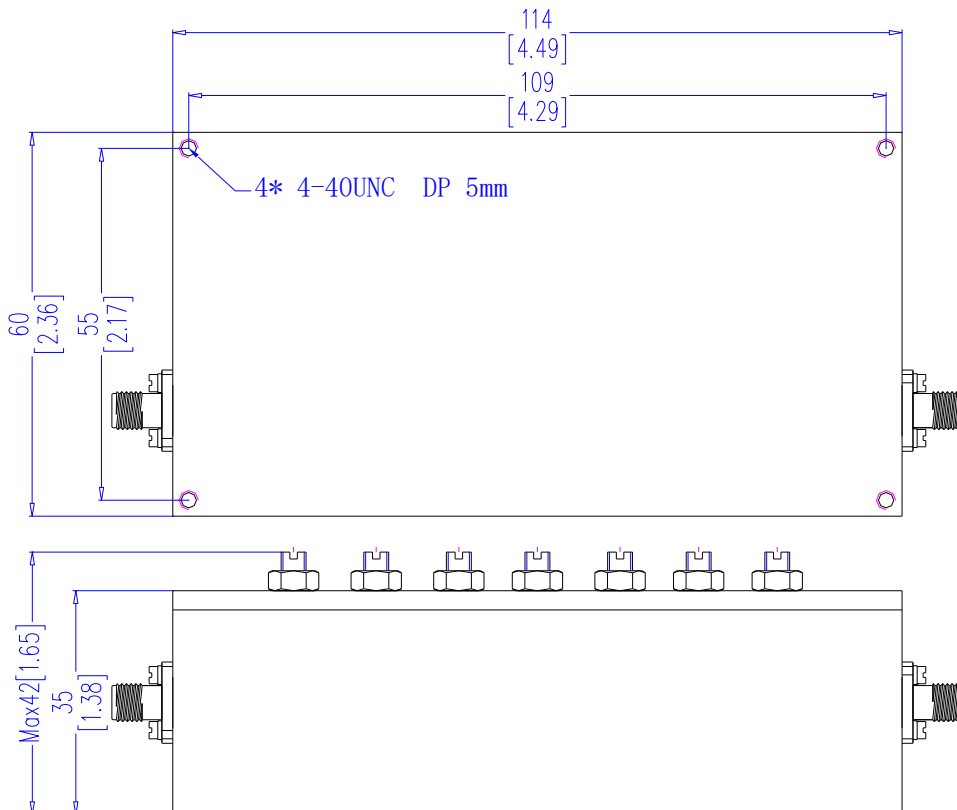
**Mechanical**

**Mounting Method:** 4-40 Threaded Mounting Holes  
**Connector Type:** SMA Female  
**Dimensions:** 114 x 60 x 42 mm (4.45" x 2.35" x 1.65")

**Environmental**

**Operating Temperature:** -50 to +85° C  
**Storage Temperature:** -65 to +95° C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 Hz

**Outline Drawing:**





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

# 1437.5 MHz Cavity Bandpass Filter

Part Number: AE1437B11861



## Simulation plot

