



# 1500 MHz Cavity Band Pass Filter



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

**Part Number: AE1500B1358**

## Electrical Specifications

**Center Frequency:** 1500 MHz  
**1dB Bandwidth:** 90 MHz Min  
**Passband:** 1455-1545 MHz  
**Insertion Loss:** 2.0 dB Max  
**Return Loss:** 18.0 dB Min  
**Rejection:** >40 dB @ 1420 MHz  
>40 dB @ 1580 MHz  
**Power Handling:** 5 W CW  
**In/Out Impedance:** 50  $\Omega$

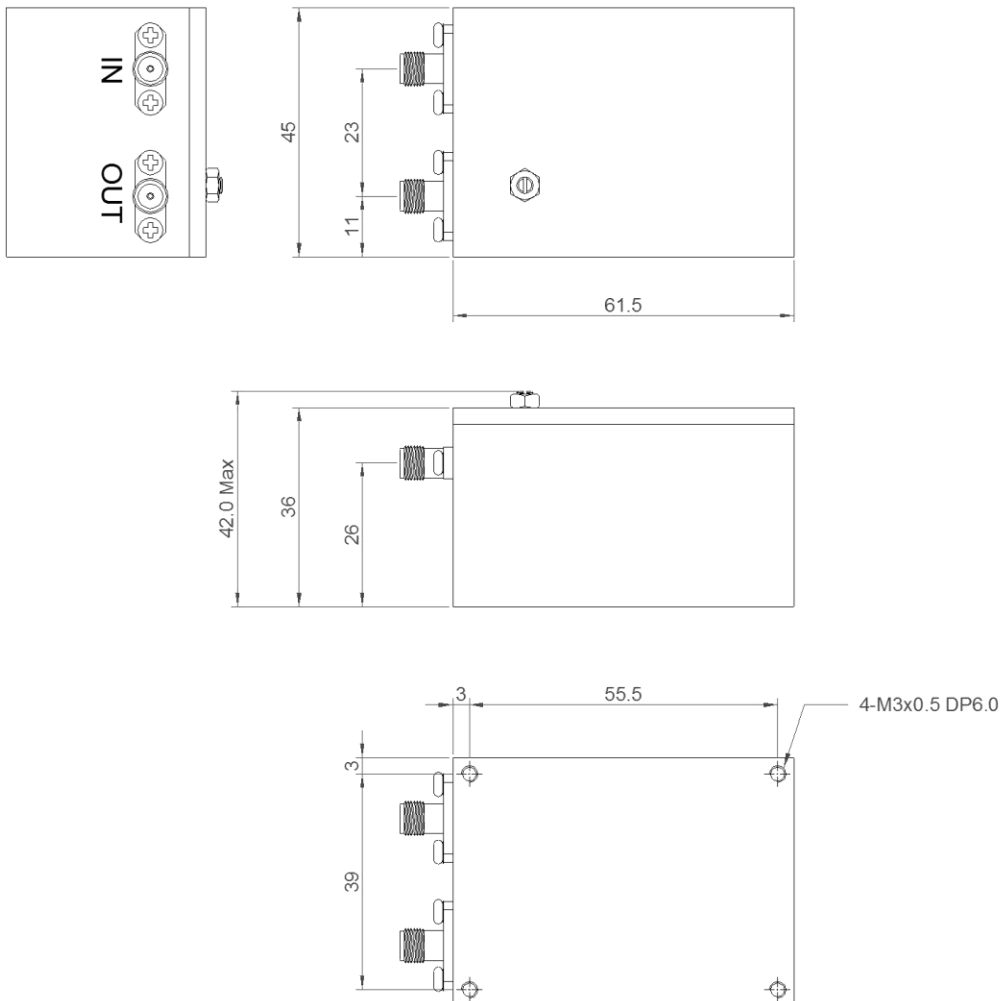
## Mechanical

**Connector Type:** SMA (F)  
**Dimensions:** 2.42 x 1.81 x 1.65 Inches  
(61.5 x 45.0 x 42.0 mm)

## Environmental

**Operating Temperature:** -45 to +85° C  
**Storage Temperature:** -55 to +95° C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 MHz

## Outline Drawing:





### Response Plot:

