



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

# 1621 MHz Cavity Band Pass Filter

**Part Number: AE1621B11621**



## Electrical Specifications

**Center Frequency:** 1621.25 MHz  
**Passband:** 1616-1626.5 MHz  
**Insertion Loss:** 3.0dB Max.  
**Return Loss:** 14dB Min.  
**Ripple:** 1.0dB Max.  
**Rejection1:**  $\geq 30\text{dB}$  @ DC-1601 MHz  
**Rejection2:**  $\geq 65\text{dB}$  @ 1641.5-10000 MHz  
**Impedance :** 50 Ohms  
**Power Handling:** 5W CW Max.

## Mechanical

**Mounting Method:** M3 -Threaded Holes  
**Connector Type:** SMA(F)  
**Dimensions:** 3.9" X 1.7" x 1.22"

## Environmental

**Operating Temperature:** -25°C to +60°C  
**Storage Temperature:** -55°C to +85°C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200Hz

## Outline Drawing:

