



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

## 1621 MHz Ceramic Band Pass Filter

Part Number: AE1621CB1814



### Electrical Specifications

**Center Frequency:** 1621 MHz  
**Pass Band:** 1616-1626.5 MHz  
**Bandwidth:** 10.5 MHz  
**Bandwidth Ripple:** 1.0 dB P-P Max  
**Bandwidth Insertion Loss:** 3.8 dB Max  
**Return Loss:** 15 dB Min.  
**Attenuation:** 5 dB Min @ 1600-1610 MHz  
5 dB Min @ 1656 MHz  
70 dB Min @ DC-1590 MHz  
40 dB Min @ 3320 MHz  
**In/Out Impedance:** 50 Ohms  
**Power Handling:** 5 watt, 10 watt peak

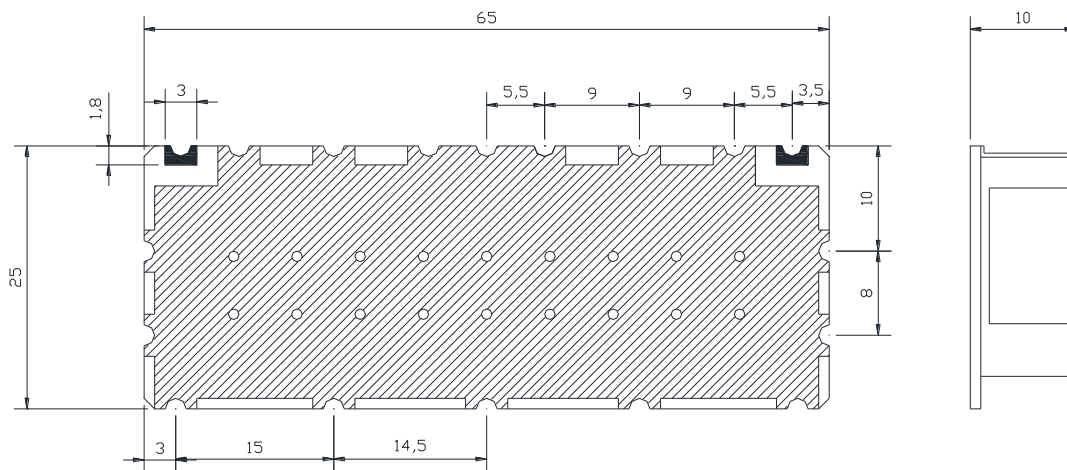
### Mechanical

**Package style:** SMT  
**Dimensions:** 65mm x 25mm x 10mm

### Environmental

**Operating Temperature:** -55°C to +85°C  
**Storage Temperature:** -65°C to +95°C  
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 200 Hz

### Outline Drawing:



■ IN/OUT PORT

▨ Ground

UNIT : mm

Tolerance : +/-0.3



**Actual prototype results**

