



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

# 1601 MHz Ceramic Bandpass Filter

**Part Number: AM1601B1530**



## Electrical specifications

**Center Frequency:** 1601.5 MHz  
**Bandwidth:** Fo +/- 8.5 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 1593-1610 MHz  
**Passband Insertion Loss:** 4.7 dB Max.  
**Passband Ripple:** 1.5 dB Max.  
**VSWR:** 1.4 : 1 min  
**Rejection:** 40 dB min. @ 1000-1530 MHz  
**Rejection 2:** 43.5 dB min. @ 1558 MHz  
**Rejection 3:** 20.0 dB min. @ 1581 MHz  
**Rejection 4:** 20.0 dB min. @ 1623 MHz  
**Rejection 5:** 40.0 dB min. @ 1645-2000 MHz  
**Rejection 6:** 43.5 dB min. @ 1645 MHz  
**Power Handling:** 1 W Max.

## Mechanical

**Mounting Method:** SMT  
**Dimensions:** 17 x 8.4 x 5.65 mm

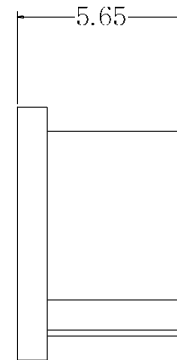
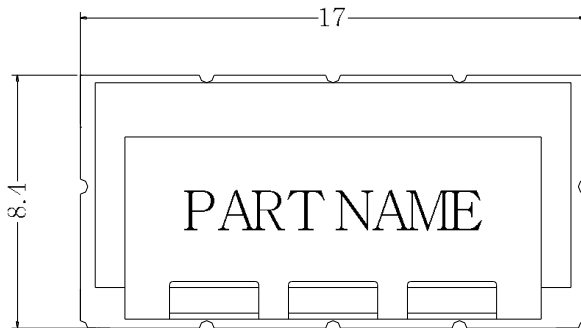
## Environmental

**Operating Temperature:** -20 C to +70 C  
**Storage Temperature:** -50 C to +90 C

**This product is RoHs compliant.**

## Outline Drawing:

TOP VIEW



 : I/O PORT  
 : GRUND