



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

# 1600 MHz Ceramic Bandpass Filter

**Part Number: AM1600B1060**



## Electrical specifications

**Center Frequency:** 1600 MHz  
**Bandwidth:**  $F_0 \pm 12$  MHz  
**VSWR:** 1.7 : 1 dB max  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 1594-1606 MHz  
**Passband Insertion Loss:** 4.5 dB max  
**Passband Ripple:** 0.4 dB max  
**Rejection:** 43 dBc min at 1555 MHz  
**Rejection 2:** 40 dBc min at 1645 MHz  
**Rejection 3:** 45 dBc min at DC-1540 MHz  
**Rejection 4:** 40 dBc min at 1650-3800 MHz  
**Power Handling:** 1 W

## Mechanical

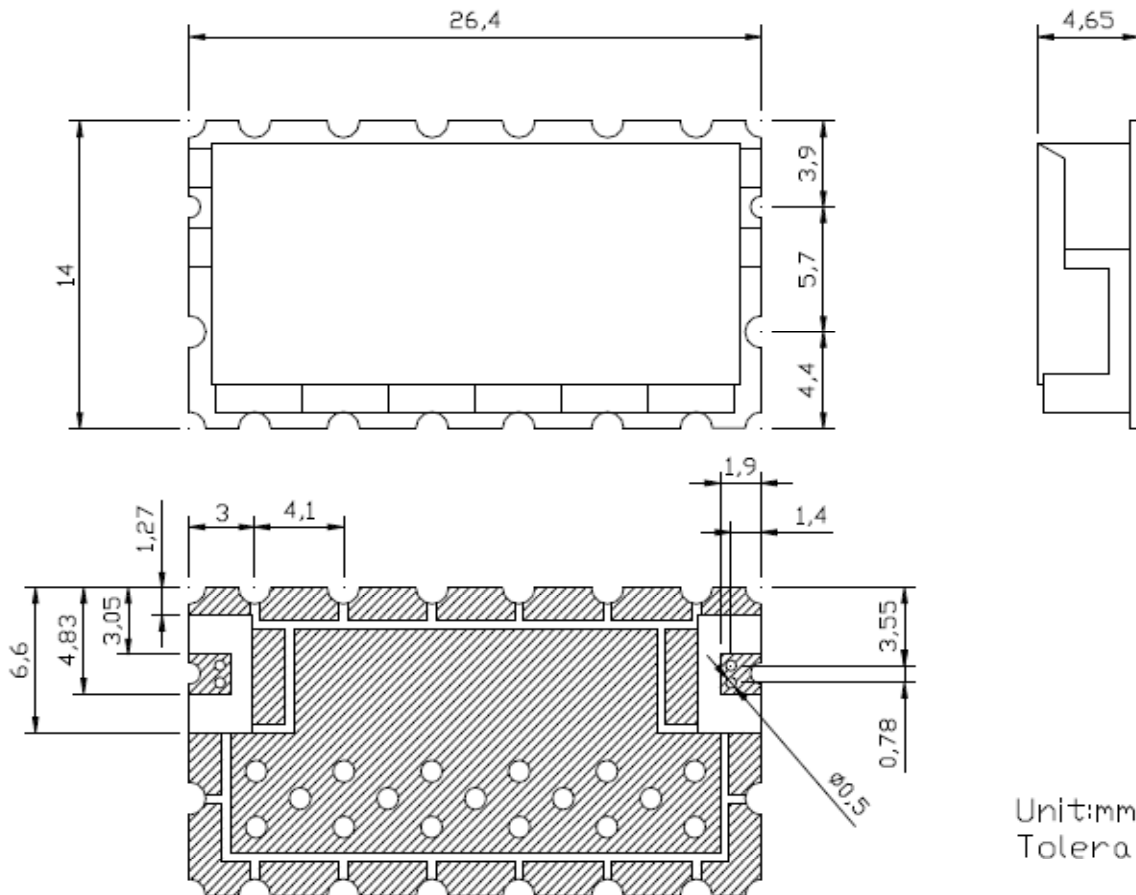
**Mounting Method:** SMT  
**Dimensions:** 26.4 x 14 x 4.65 mm

## Environmental

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

**This product is RoHs compliant.**

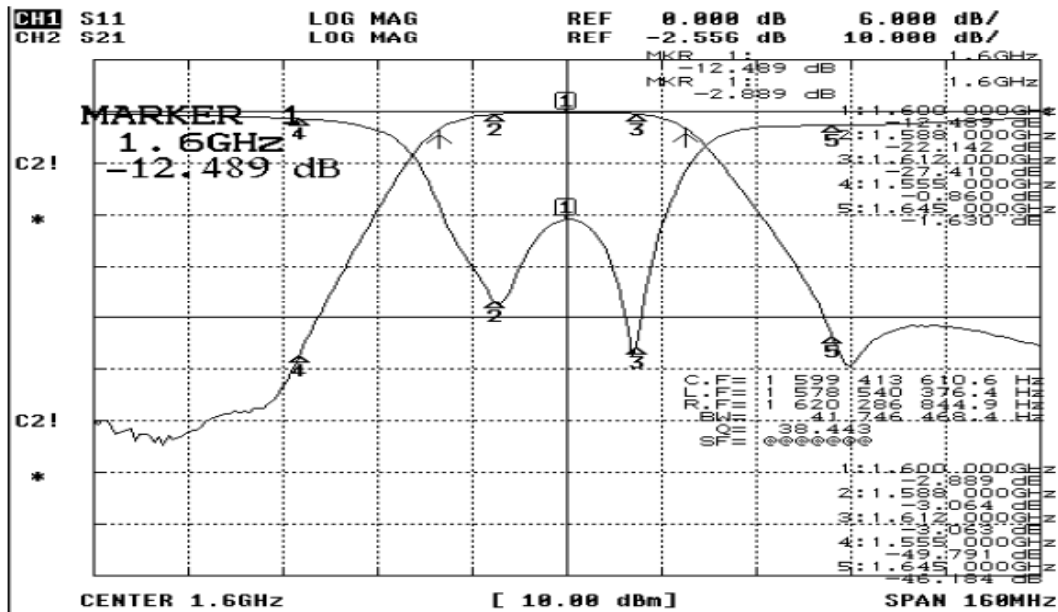
## Outline Drawing:



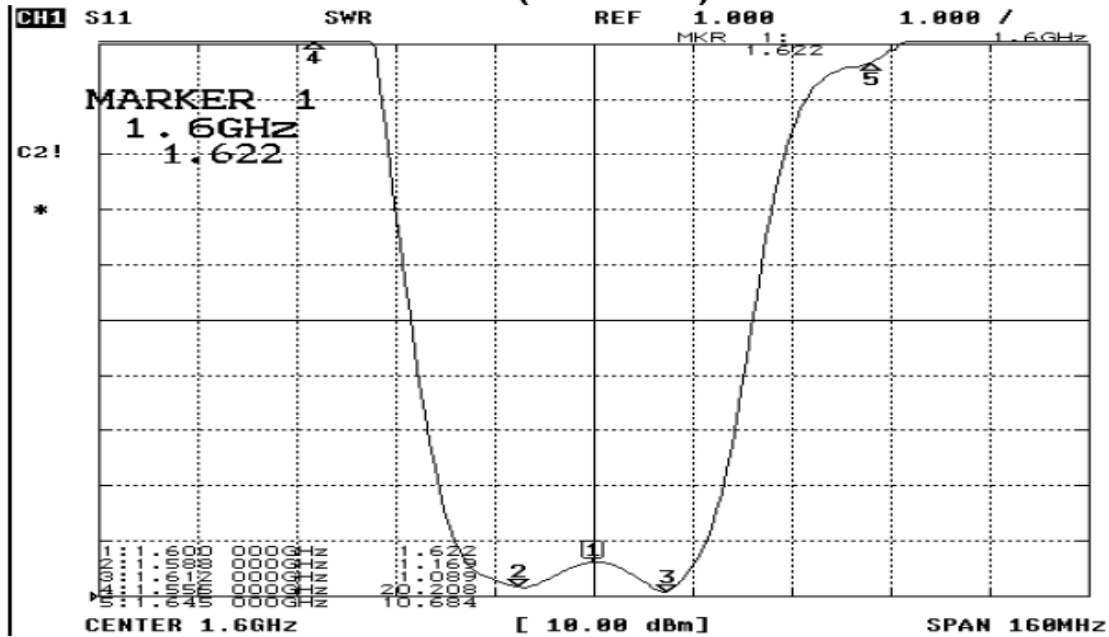
Unit:mm  
Tolerance:±0.3



### Response Plot:



### S11 (V.S.W.R)



### S11 (IMAG)