



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

# 1600 MHz Ceramic Bandpass Filter

Part Number: AM1600B991



## Electrical specifications

**Center Frequency:** 1600 MHz  
**Bandwidth:**  $F_0 \pm 24$  MHz  
**VSWR:** 1.7 : 1 dB max  
**Input / Output Impedance:** 50 Ohms  
**Dip in Center of Band:** <0.2 dB  
**Passband:** 1588-1612 MHz  
**Passband Insertion Loss:** 4.0 dB max  
**Passband Ripple:** 0.4 dB max  
**Rejection:** 43 dBc min at 1526 MHz  
**Rejection 2:** 32 dBc min at 1674 MHz  
**Rejection 3:** 45 dBc min at DC-1510 MHz  
**Rejection 4:** 32 dBc min at 1690 MHz  
**Rejection 5:** 45 dBc min at 1750-3800 MHz  
**Power Handling:** 1 W

## Mechanical

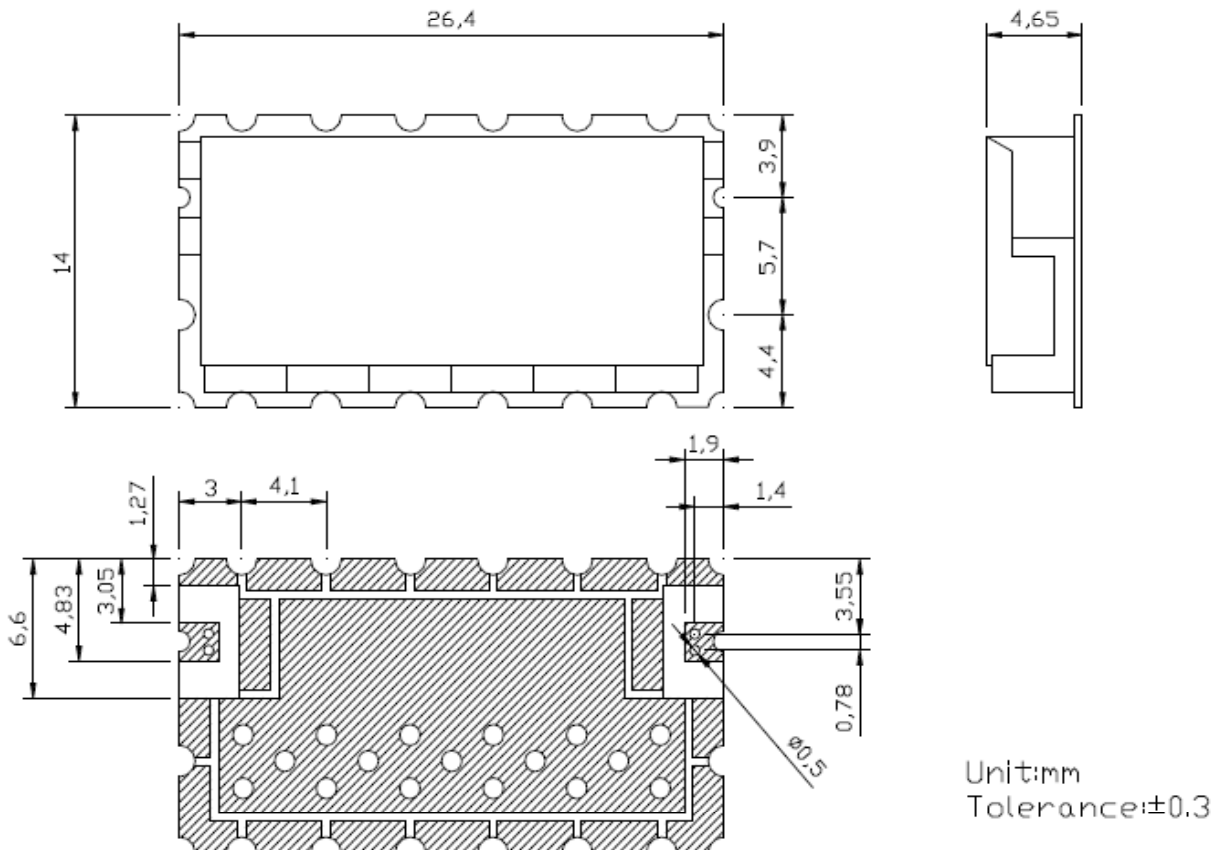
**Mounting Method:** SMT  
**Dimensions:** 26.4 x 14 x 4.65 mm

## Environmental

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

This product is RoHS compliant.

## Outline Drawing:





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## Response Plot:

