



### Electrical specifications

**Center Frequency:** 26 GHz  
**Bandwidth:** 3.4 GHz  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 24.4 ~ 27.8 GHz  
**Passband Insertion Loss:** < 2.0 dB  
**Passband Ripple:** < 0.2  
**Passband Return Loss:** > 17 dB  
**Rejection:** 50 dB @ 18.3 ~ 20.85 GHz  
**Rejection :** 40 dB @ 31.75 ~ 36 GHz  
**Power Handling:** 1 W

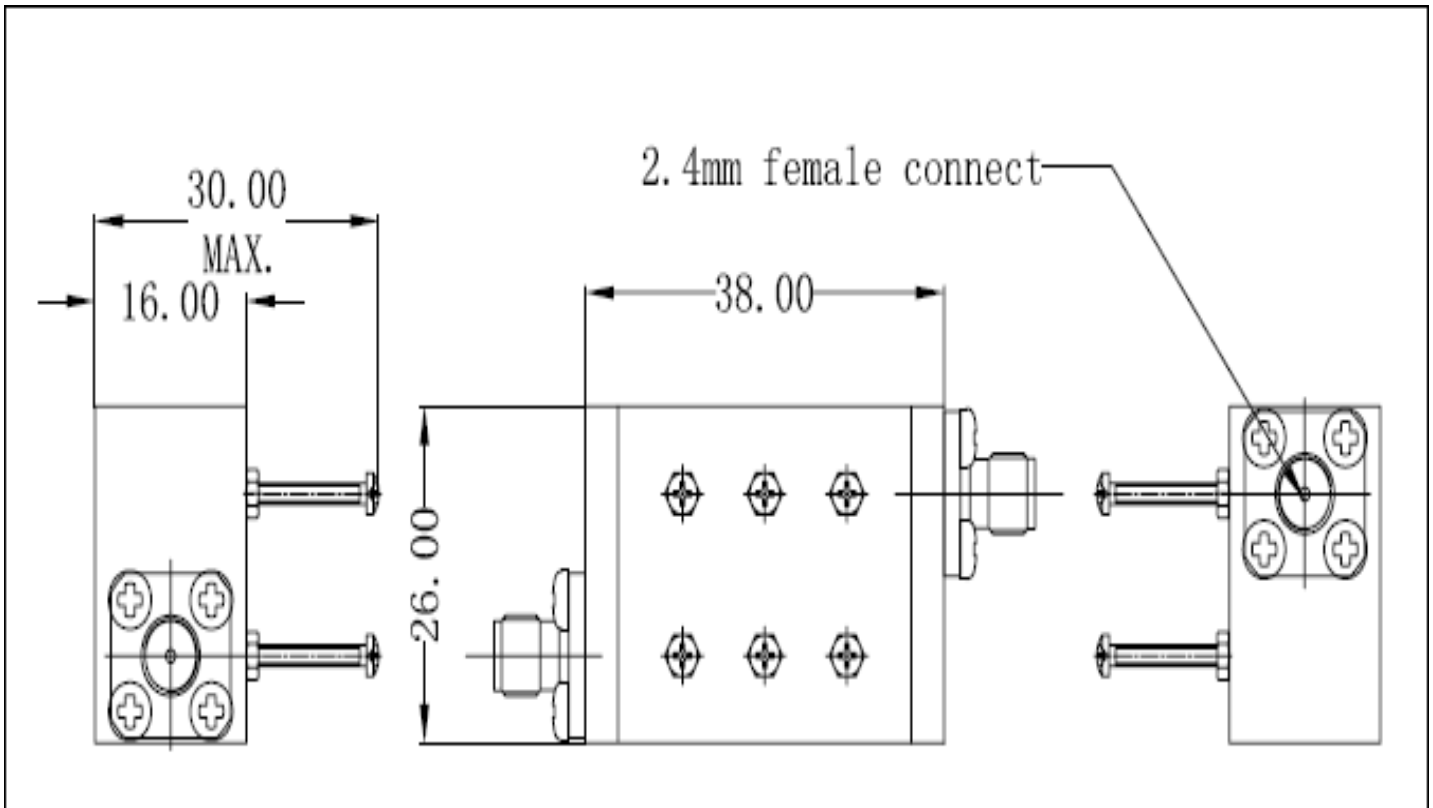
### Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** N-Type Female  
**Dimensions:** 38 x 26 x 16 mm.

### Environmental

**Operating Temperature:** -45 to +85 deg.C  
**Storage Temperature:** -55 to +95 deg.C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 MHz

### Outline Drawing:



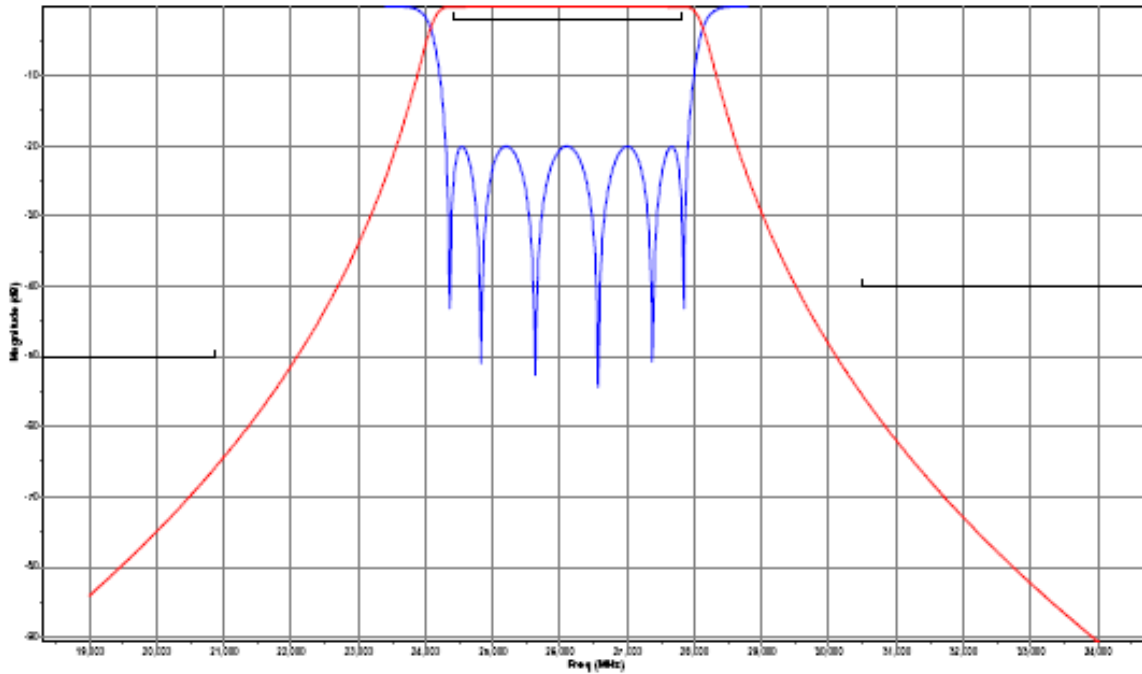


# 26.1 GHz Cavity Bandpass Filter

Part Number: AB26B1030



## Response Plot:



Overall performance