



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

# 28000 MHz Cavity Band Pass Filter

**Part Number: AE28000B11560**



## Electrical Specifications

**Center Frequency:** 28.5 GHz  
**Passband:** 25-32 GHz  
**Passband Insertion Loss:**  $\leq 1$  dB  
**Passband VSWR:**  $\leq 1.7:1$   
**Rejection:**  $\geq 55$  dB @ 16 GHz  
**Rejection:**  $\geq 55$  dB @ 37.5 GHz  
**Impedance:** 50 Ohms  
**Power:** 2 Watts Max.

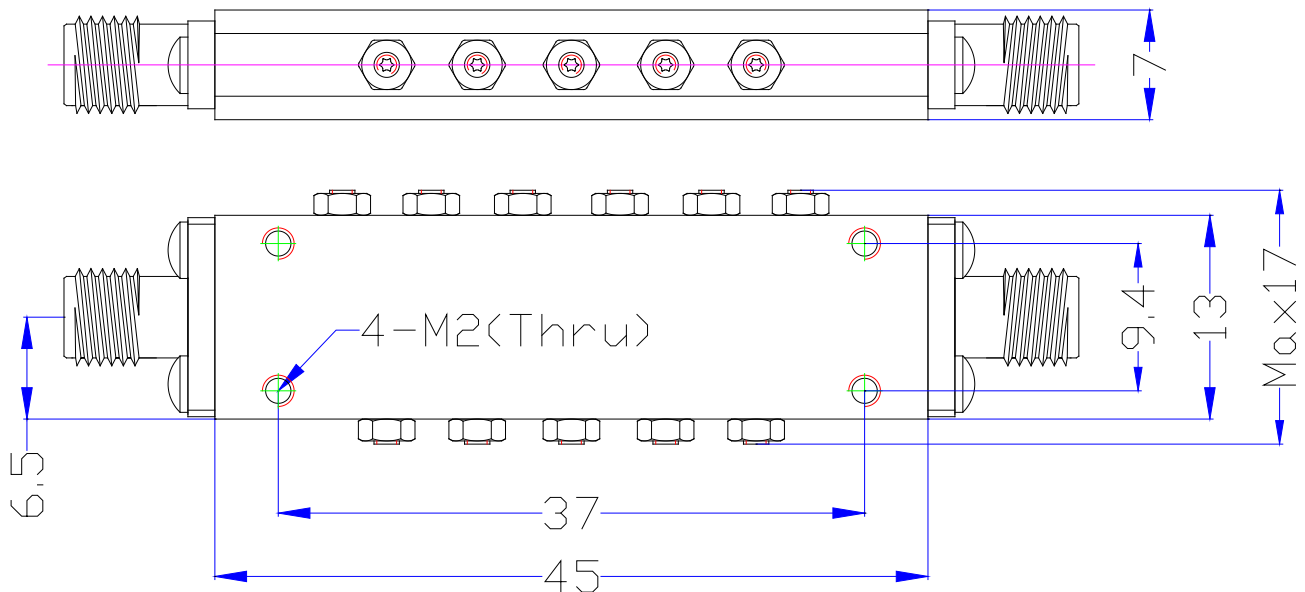
## Mechanical

**Mounting Method:** Through Holes  
**Connector Type:** 2.92mm (F)  
**Dimensions:** 45 X 17 x 7 mm

## Environmental

**Operating Temperature:** 15°C to +40°C  
**Storage Temperature:** 5°C to +60°C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200Hz

## Outline Drawing:





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## Response Plot:

