



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

## 995 MHz Cavity Band Pass Filter

**Part Number: AB995B517**



### Electrical specifications

**Center Frequency:** 995 MHz  
**Bandwidth:** 20 MHz(min)  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 985-1005 MHz  
**Passband Insertion Loss:** 2dB(max)  
**Passband Ripple:** <0.2 dB  
**Passband Return Loss:** 15dB(min)  
**Rejection:** @ 980MHz: 45dBc  
**Rejection 2:** @1010MHz: 45dBc  
**Power Handling:** 1 W

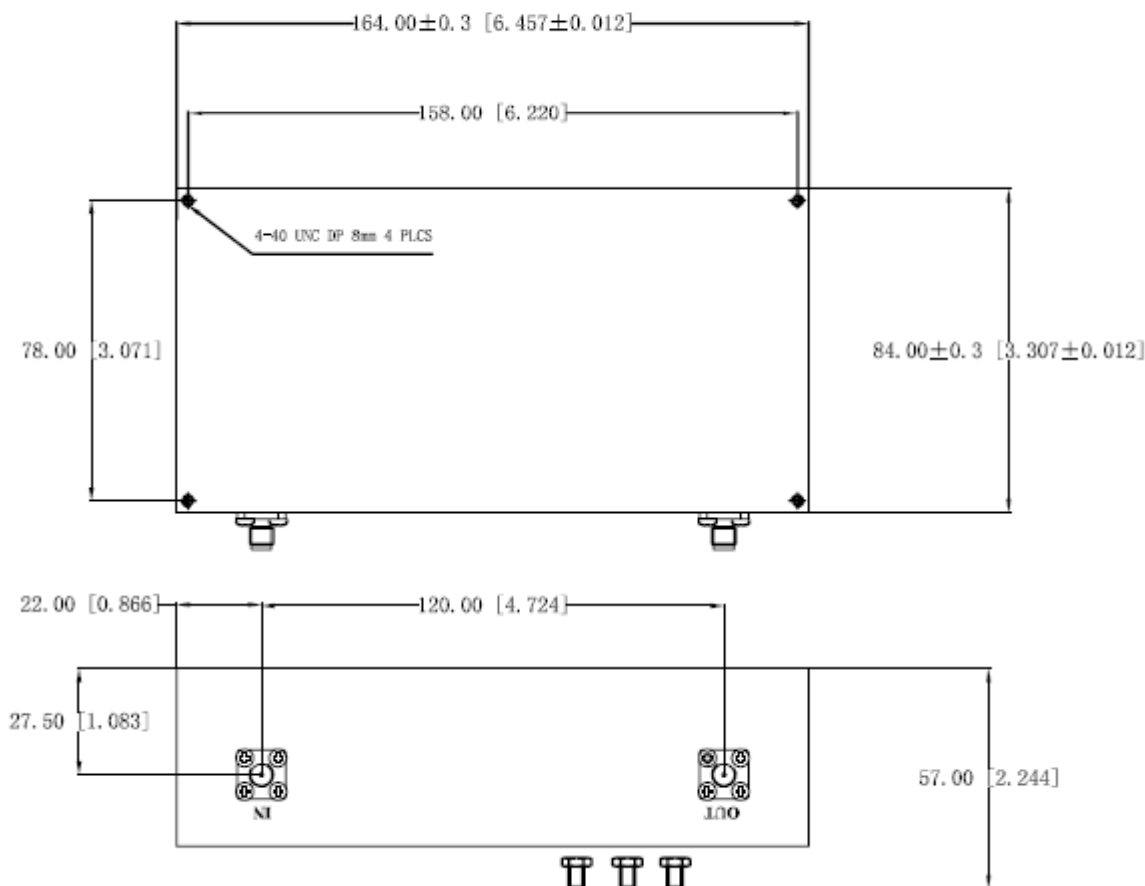
### Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA (F)  
**Dimensions:** 164 x 158 x 84 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:





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### Response Plot:

