



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

## 2310-2320 MHz Cavity Filter

**Part Number: AB2315B994**



### Electrical specifications

**Center Frequency:** 2315 MHz

**Bandwidth:** 10 MHz

**Input / Output Impedance:** 50 Ohms

**Passband:** 2310 – 2320 MHz

**Passband variation over bandwidth:** <0.5 dB

**Passband Insertion Loss:** <1.0 dB

**Passband Ripple:** <0.2 dB

**Passband Return Loss:** >18dB

**Group delay variation over bandwidth:** <15 ns

**Rejection:** 13 MHz offset from Center Frequency  
>20 dBc

**Rejection 2:** 20 MHz offset from Center

Frequency > 30 dBc

**Power Handling:** 20 Watts

**Peak Power Handling:** 150 Watts

### Mechanical

**Mounting Method:** Threaded Mounting Holes

**Connector Type:** SMA Female

**Dimensions:** 6.19 x 5.52 x 1.97 Inches

### Environmental

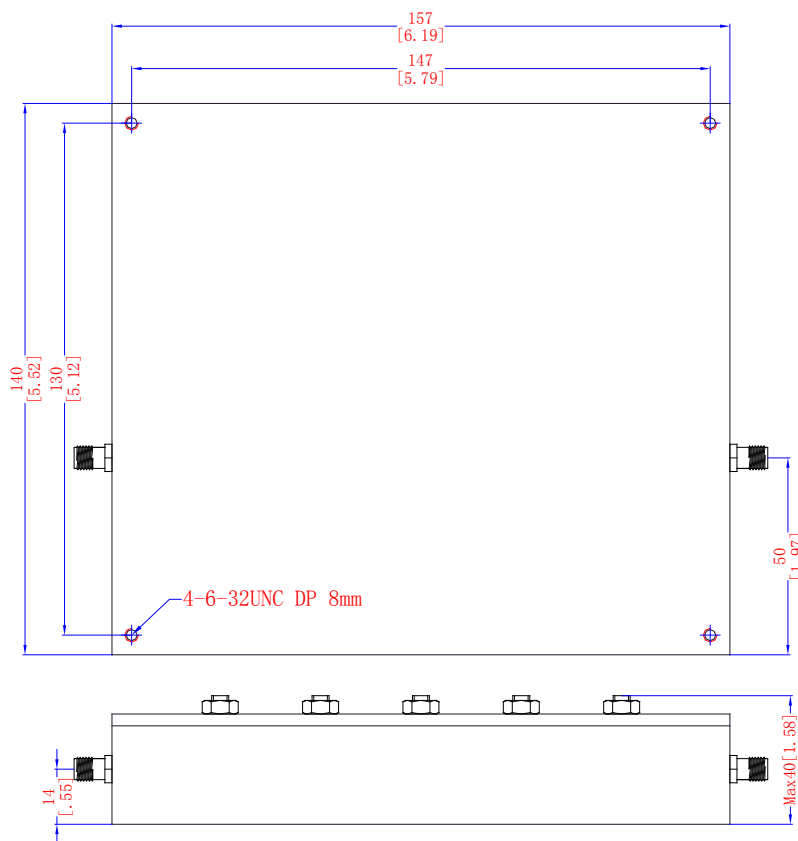
**Operating Temperature:** 0 to +55 deg.C

**Storage Temperature:** -55 to +95 deg.C

**Shock:** 20 G. 11ms

**Vibration:** 20 G. 5 to 200 MHz

### Outline Drawing:





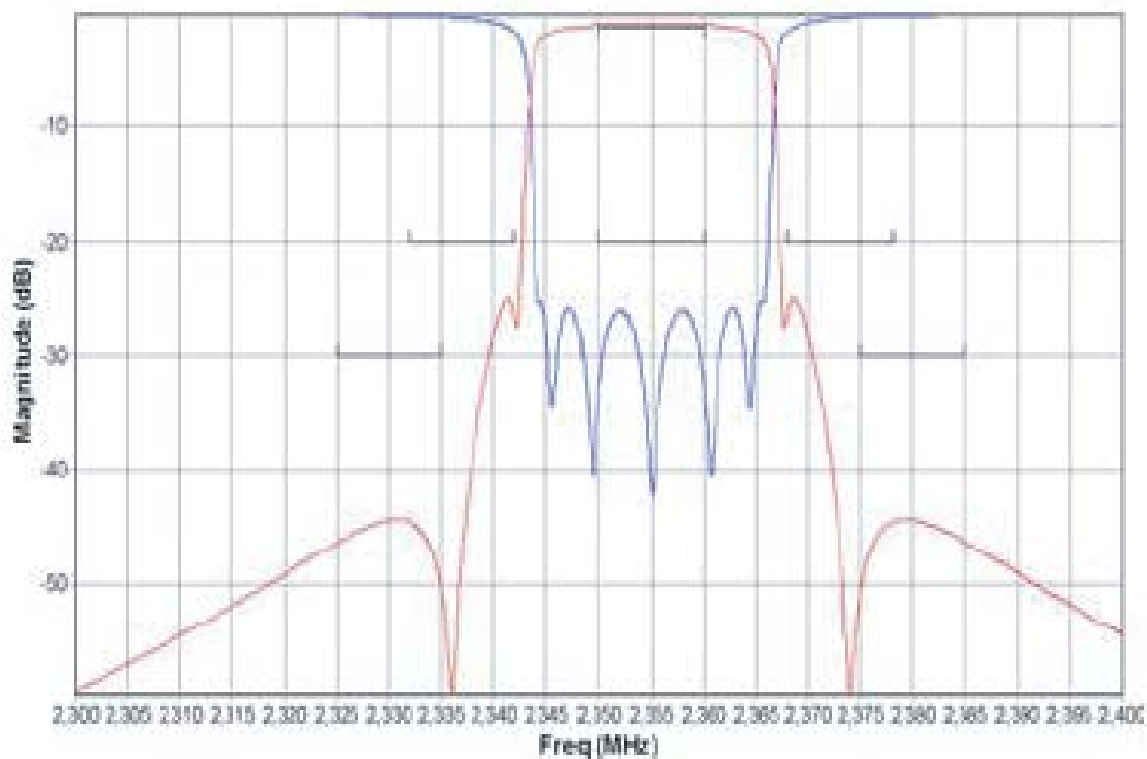
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### Response Plot:



Available at our Web store:

70 Outwater Lane Phone: (973) 772-4242  
Garfield, NJ 07026 Fax : (973) 772-4646



Email: [sales@anatechelectronics.com](mailto:sales@anatechelectronics.com)  
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