



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

# 946-1000 MHz Cavity Bandpass Filter

**Part Number: AB973B482**



## Electrical specifications

**Center Frequency:** 973 MHz

**Bandwidth:** 54 MHz

**Input / Output Impedance:** 50 Ohms

**Passband:** 946-1000 MHz

**Passband Insertion Loss:** <4.5dB (3.5dB typical)

**Passband Ripple:** <0.2 dB

**Passband Return Loss:** 18dB

**Rejection:** 925-940 MHz > 45dB (50dB typical)

**Power Handling:** 25 W

## Mechanical

**Mounting Method:** Threaded Mounting Holes

**Connector Type:** 2 SMA Female

**Dimensions:** 91 x 85 x 40 mm.

## Environmental

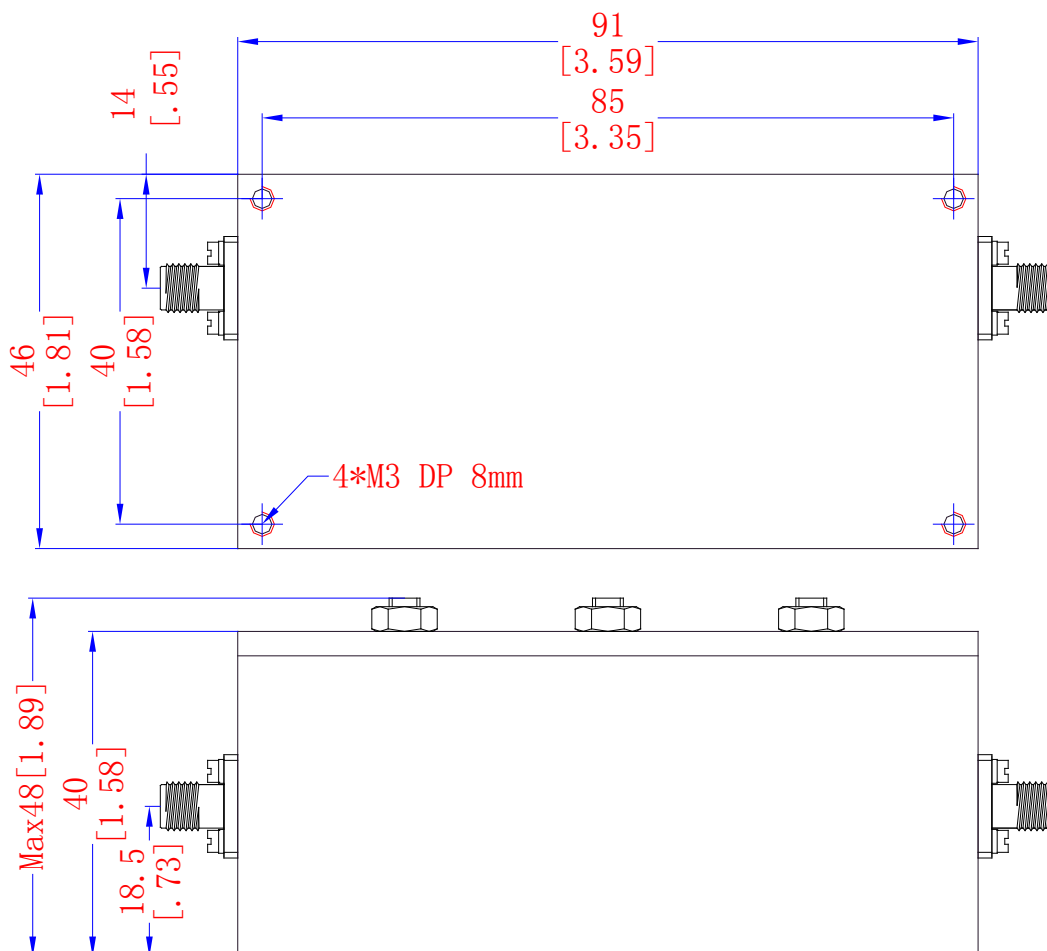
**Operating Temperature:** -45 to +85 deg.C

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

**Shock:** 20 G. 11ms

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

## Outline Drawing:



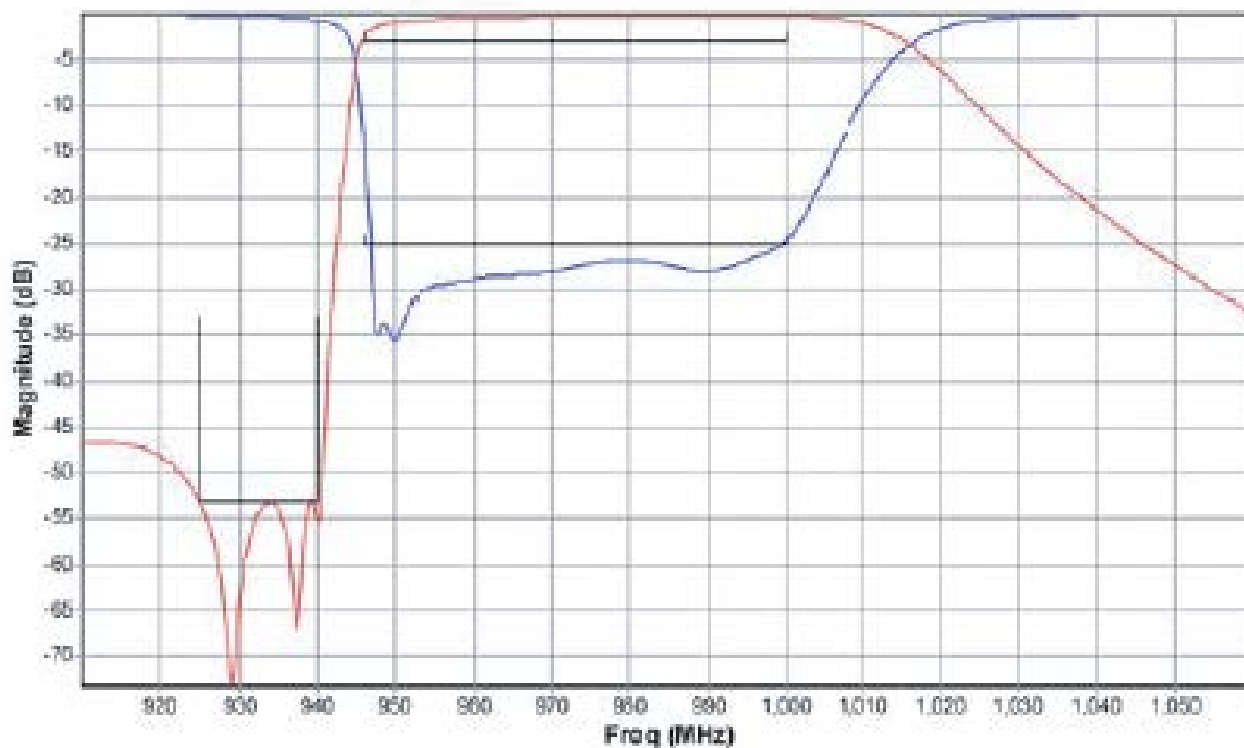


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### Response Plot:



Available at our Web store:

70 Outwater Lane Phone: (973) 772-4242  
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