



# 2412 MHz Cavity Bandpass Filter



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

**Part Number: AB2412B498**

## Electrical specifications

**Center Frequency:** 2412 MHz  
**Insertion loss at Fo:** 1.5 dB typ (3.0 dB max)  
**Return loss:** 13 dB  
**3 dB BW:** +11 MHz  
**20 dB Bw:** +20z MHz  
**30 dB Bw:** +40 MHz  
**Impedance:** 50 Ohm  
**Power:** 30 dBm

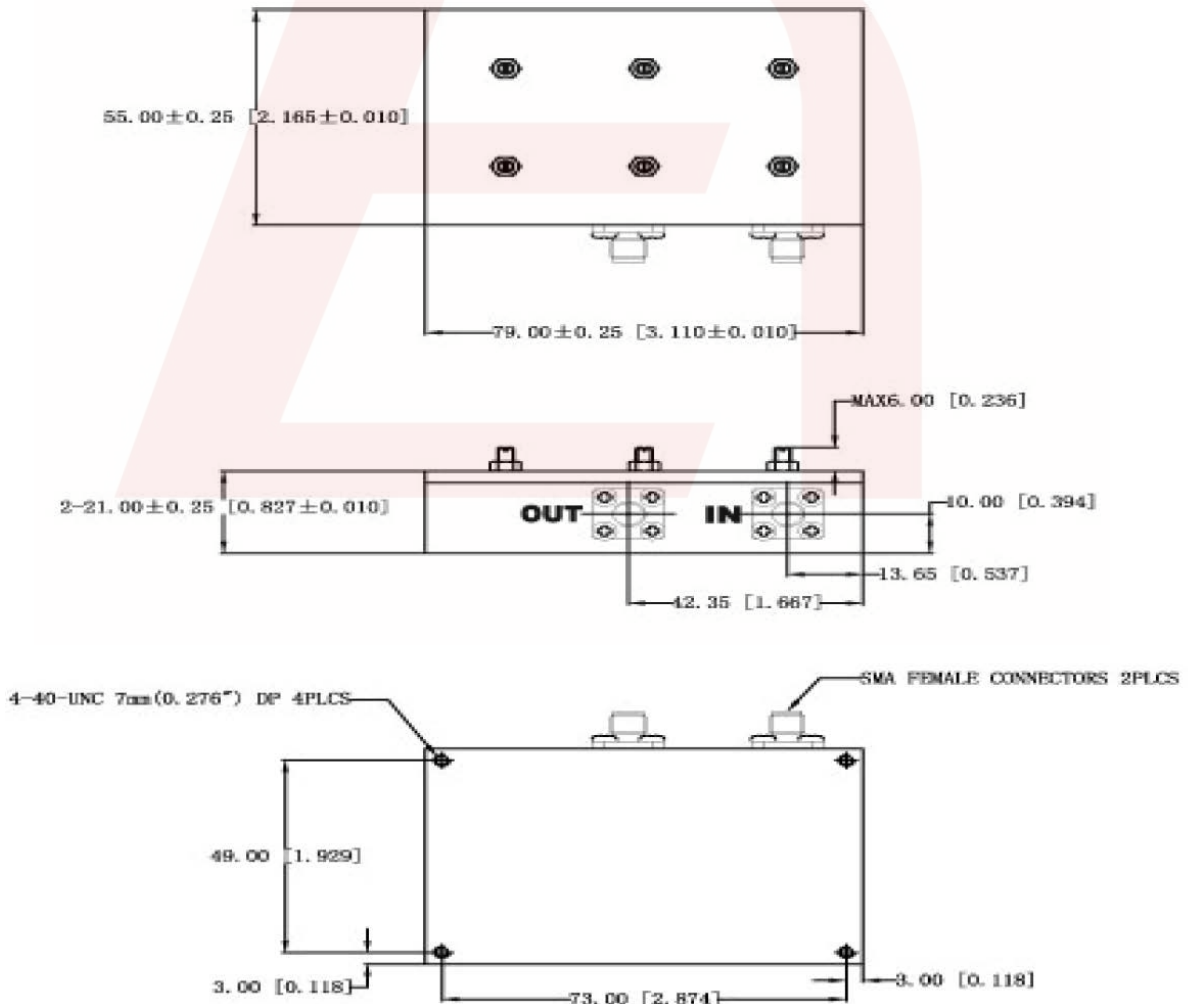
## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA Female  
**Dimensions:** 3.11" X 1.92" X 0.82" in

## Environmental

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

## Outline Drawing:



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