



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

# 829 MHz Cavity Bandpass Filter

**Part Number: AB829B1038**



## Electrical specifications

**Center Frequency:** 829 MHz  
**Insertion Loss @829 MHz:** <-1.5 dB  
**3dB BW:** 8 MHz min  
**Rejection 1:** 40dB@824 MHz  
**Rejection 2:** 40dB@834.5 MHz  
**Passband Return Loss:** >15 dB  
**Passive intermodulation IDM3:** <150dBc@2X43 dBm  
**Power Handling:** 40 W

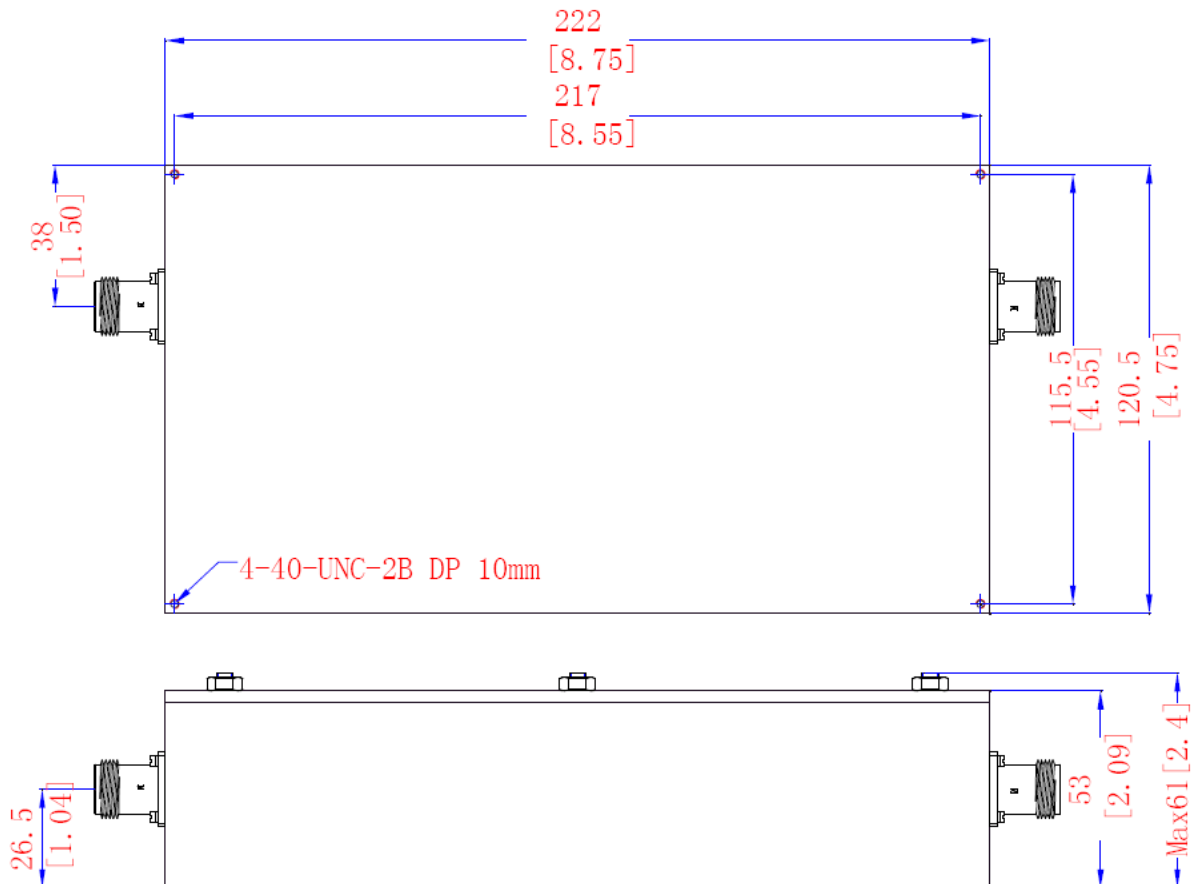
## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** N Female  
**Dimensions:** 8.75" X 4.75" X 2.09" in

## Environmental

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

## Outline Drawing:





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Plot:

