



# 2312.5 MHz Cavity Bandpass Filter



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

**Part Number: AB2312B1006**

## Electrical specifications

**Frequency band:** 2302.5-2322.5 MHz  
**Passband:** 2302.9-2322.1 MHz  
**Insertion loss:** <1.0 dB  
**Return Loss:** 15 dB Min  
**Passband variation:** 0.7 dB  
**S11&S12:** >-20 dB  
**Attenuation:** 12 dB@212.5 MHz  
**Group Delay:** 80 nS  
**Power Handling:** 20 W average, 200 peak power  
**Impedance:** 50 Ohms In/Out

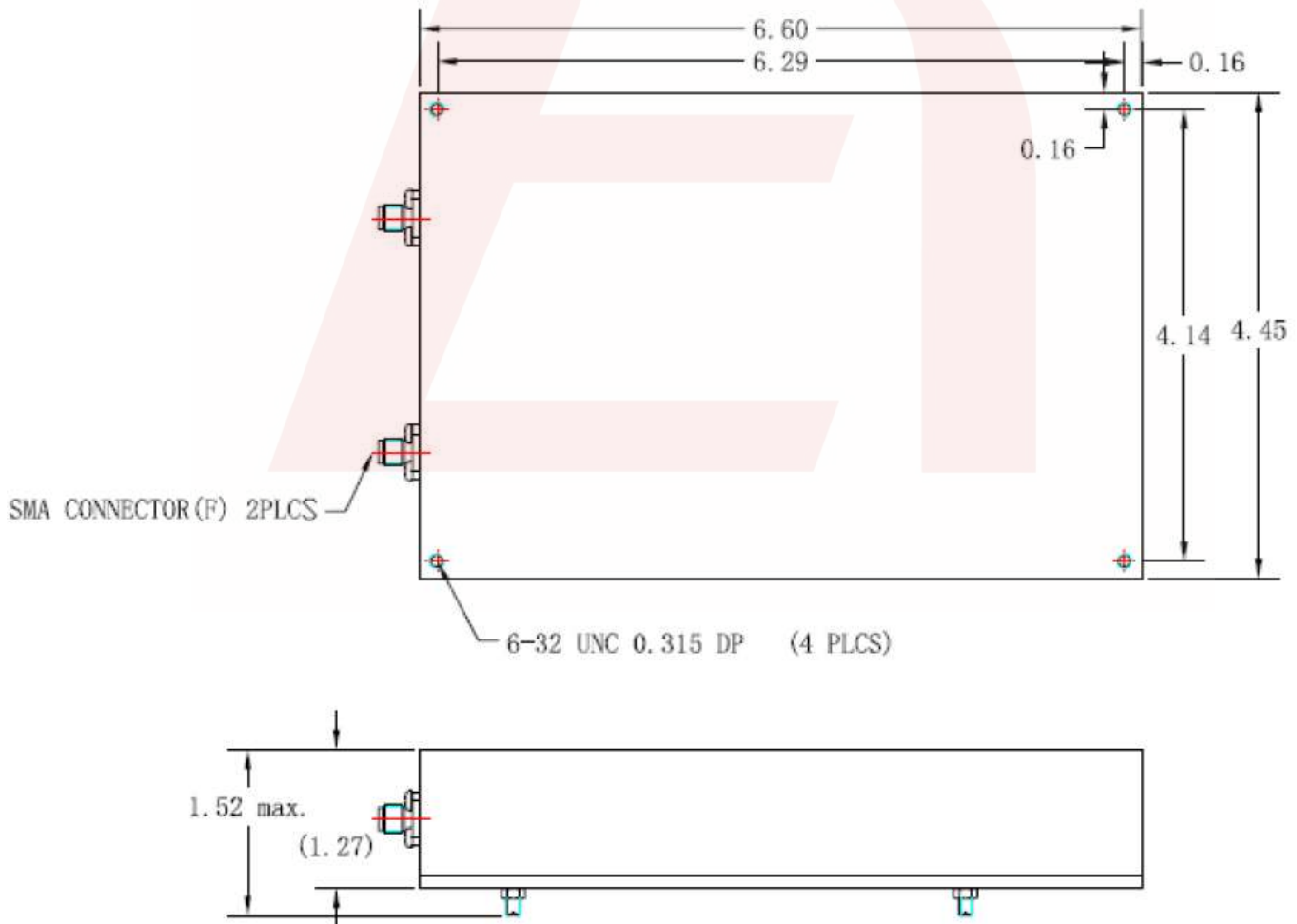
## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA Female  
**Dimensions:** 6.60" X 4.45" X 1.52" 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:



DS-B1006-03152018-Rev0

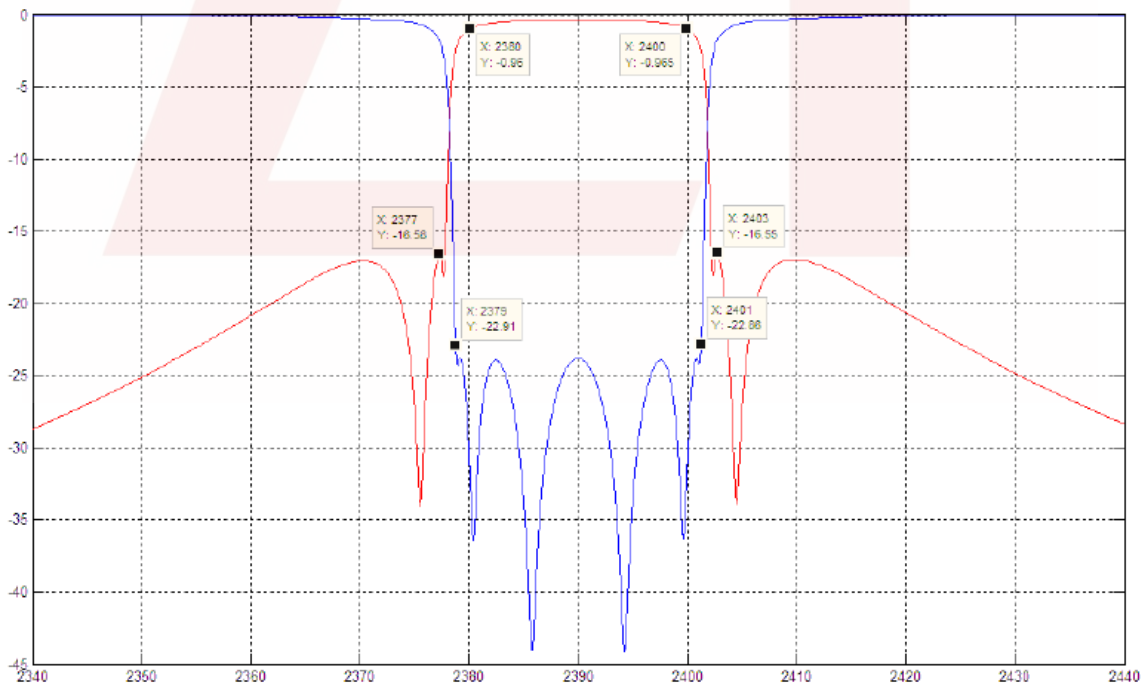
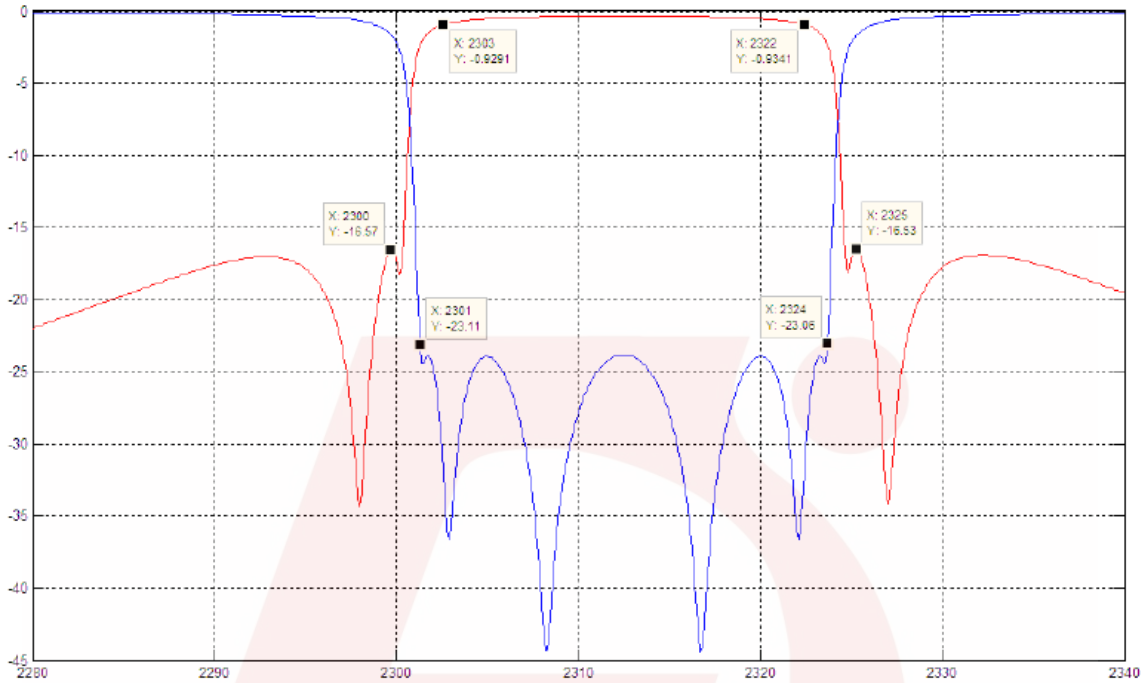


# 2312.5 MHz Cavity Bandpass Filter

Part Number: AB2312B1006



## Plot:



DS-B1006-03152018-Rev0