



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

# 370 MHz Cavity Bandpass Filter

Part Number: AE370B12051



## Electrical specifications

**Center Frequency:** 370 MHz  
**Bandwidth:** 20 MHz  
**Passband:** 360 – 380 MHz  
**Insertion loss in Passband:** 1.0 dB Max  
**Return loss in Passband:** 10 dB Min  
**Rejection:** 47 dB Min @ 300 MHz  
33 dB Min @ 440 MHz  
60 dB Min @ 600 MHz  
**Impedance:** 50 Ohms In/Out  
**Power Handling:** 20 W CW

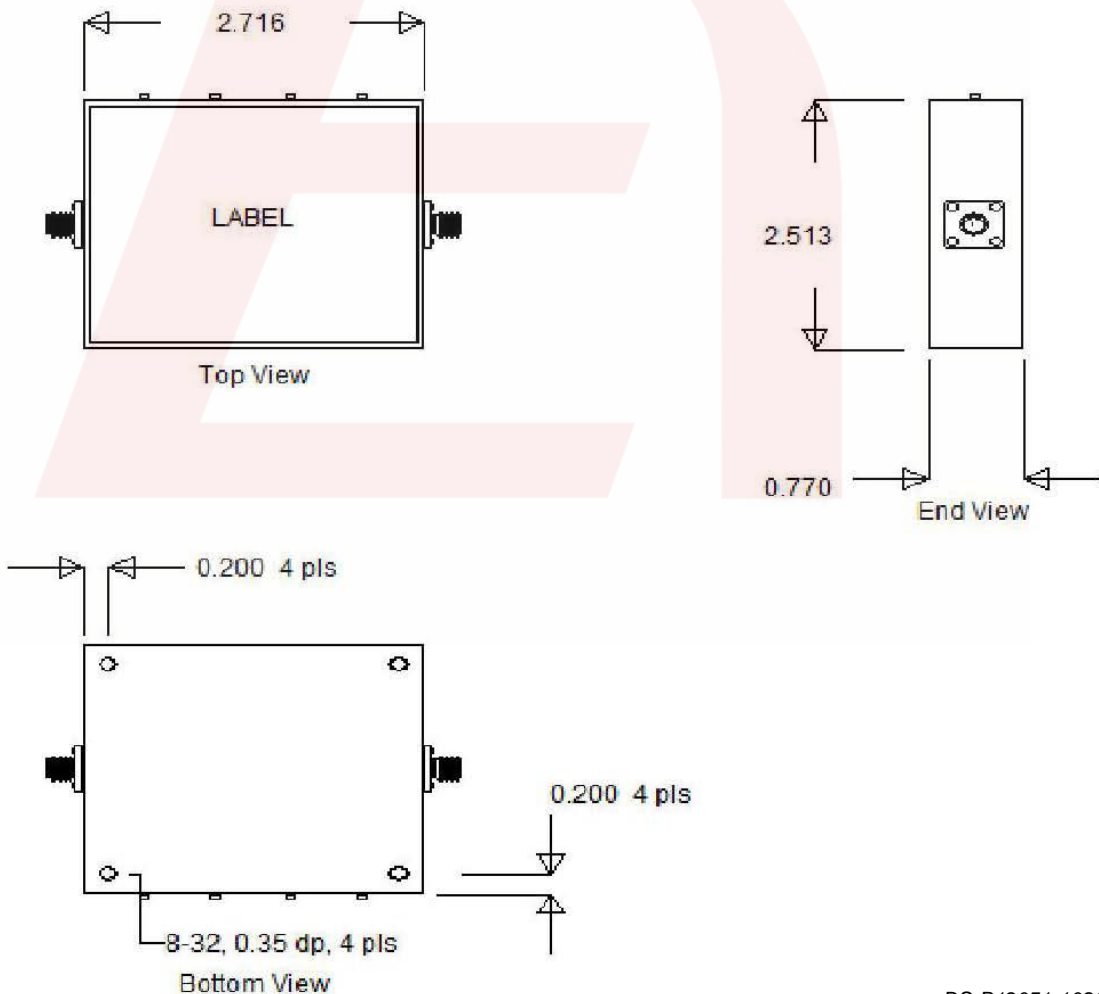
## Mechanical

**Connector Type:** SMA Female  
**Dimensions:** 2.71 x 2.51 x 0.77 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

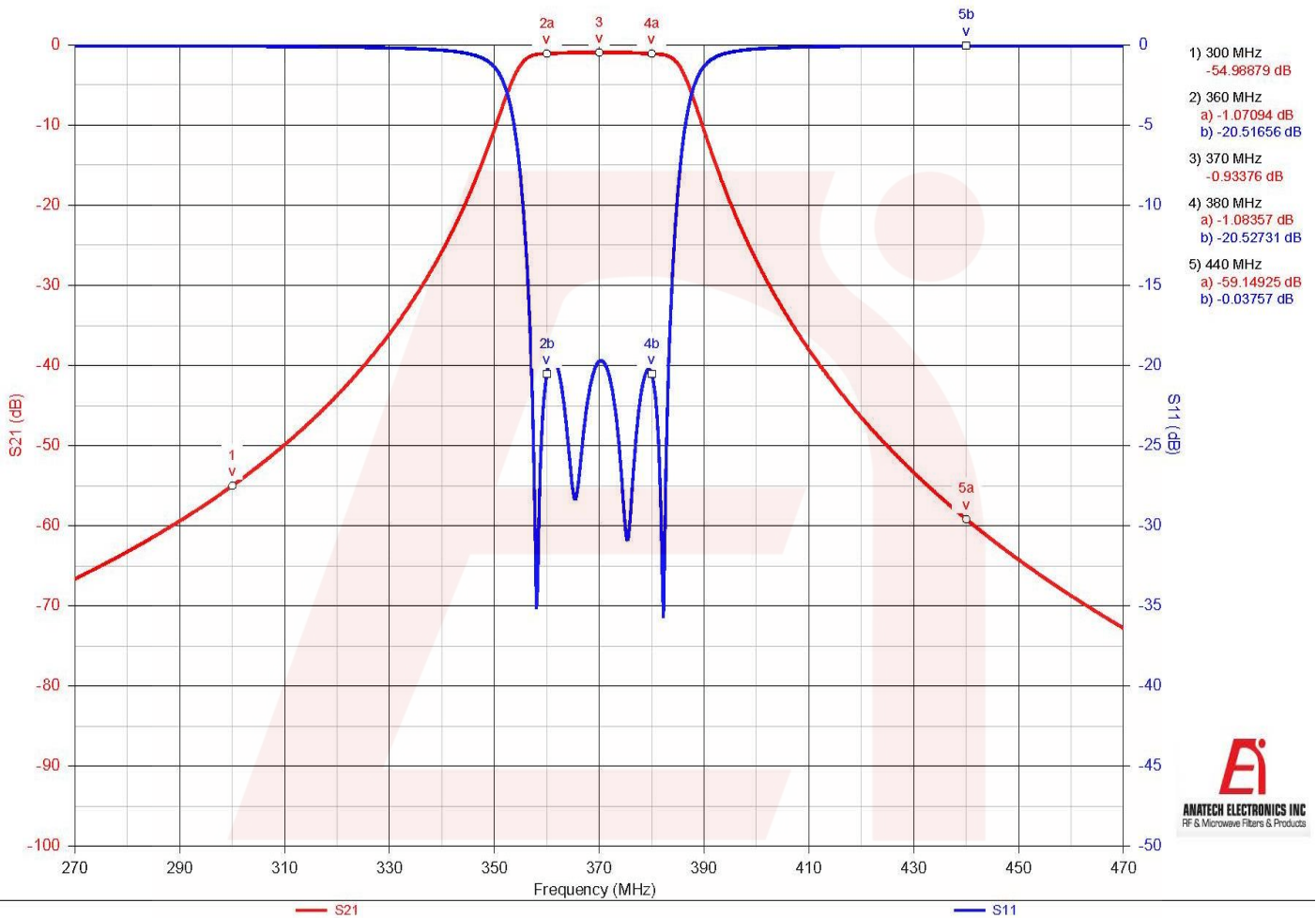
## Outline Drawing:



DS-B12051-10262023-Rev0



### Simulation Plot:



Note: This is a simulation Plot. Actual response plot might differ once product is manufactured.

