



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

# 1000 MHz Bandpass Filter

Part Number: AE1000B10538-SF



## Electrical Specifications

**Center Frequency:** 1000 MHz  
**Passband Frequencies:** 750-1250 MHz  
**Bandwidth:** 500 MHz  
**Insertion loss:** 2 dB @ 1000 MHz  
**Return loss:** min 15 dB  
**Impedance:** 50 Ohms  
**Rejection:** <30dB @ <0-584 MHz  
**Rejection2:** <30dB @ 1416-6000 MHz

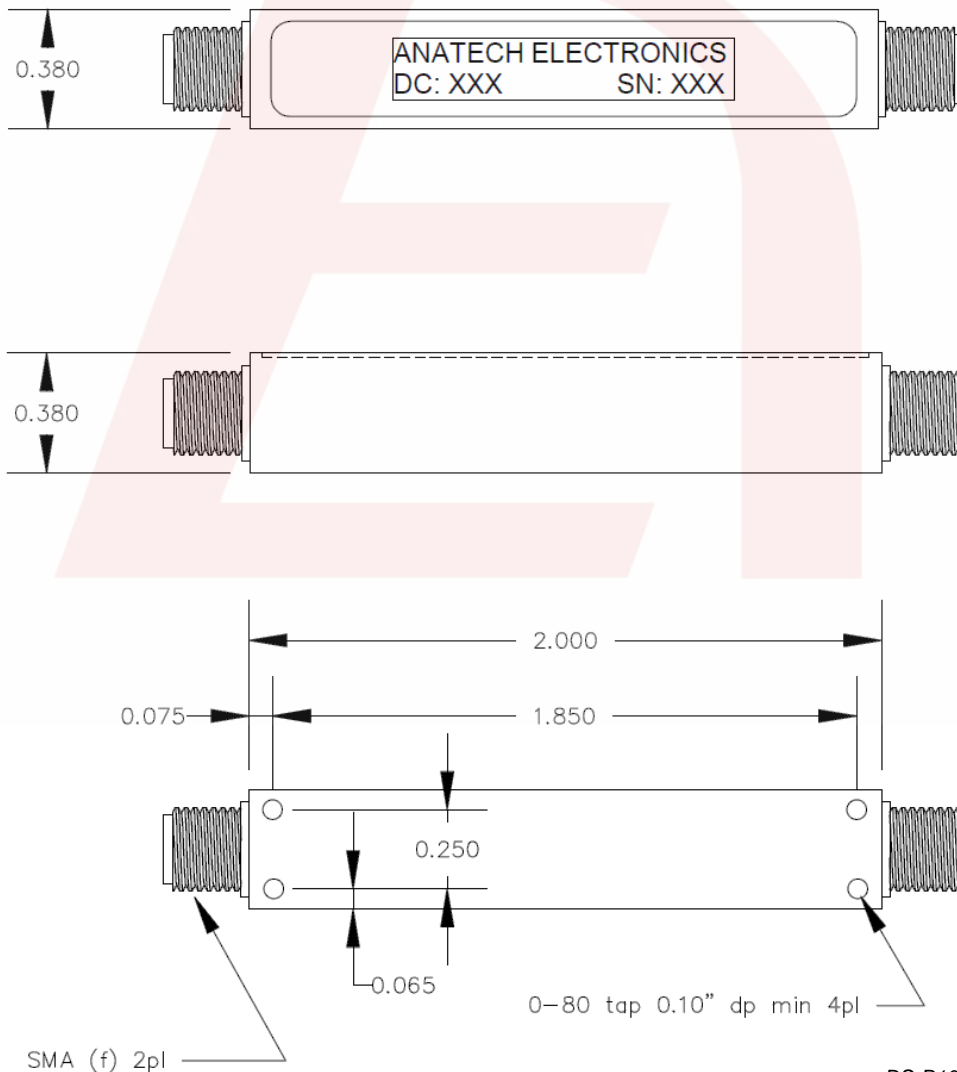
## Mechanical

**Connector Type:** SMA Female  
**Dimensions:** 2.0 X 0.38 x 0.38 in.

## Environmental

**Operating Temperature:** -25°C to +70°C  
**Storage Temperature:** -40°C to +90°C  
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 200Hz

## Outline Drawing:



DS-B10538-SF-05022024-Rev0



### Response Plot:

