



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

# 7140 MHz Cavity Band Pass Filter

**Part Number: AE7140B1381**



## Electrical Specifications

**Center Frequency:** 7140 MHz  
**3dB Bandwidth:** 45 MHz Min.  
**Insertion Loss at Center:** 2.0 dB Max  
**Return Loss at 70% of 3dB BW:** 15 dB Min  
**60 dB BW:** 175 MHz Max

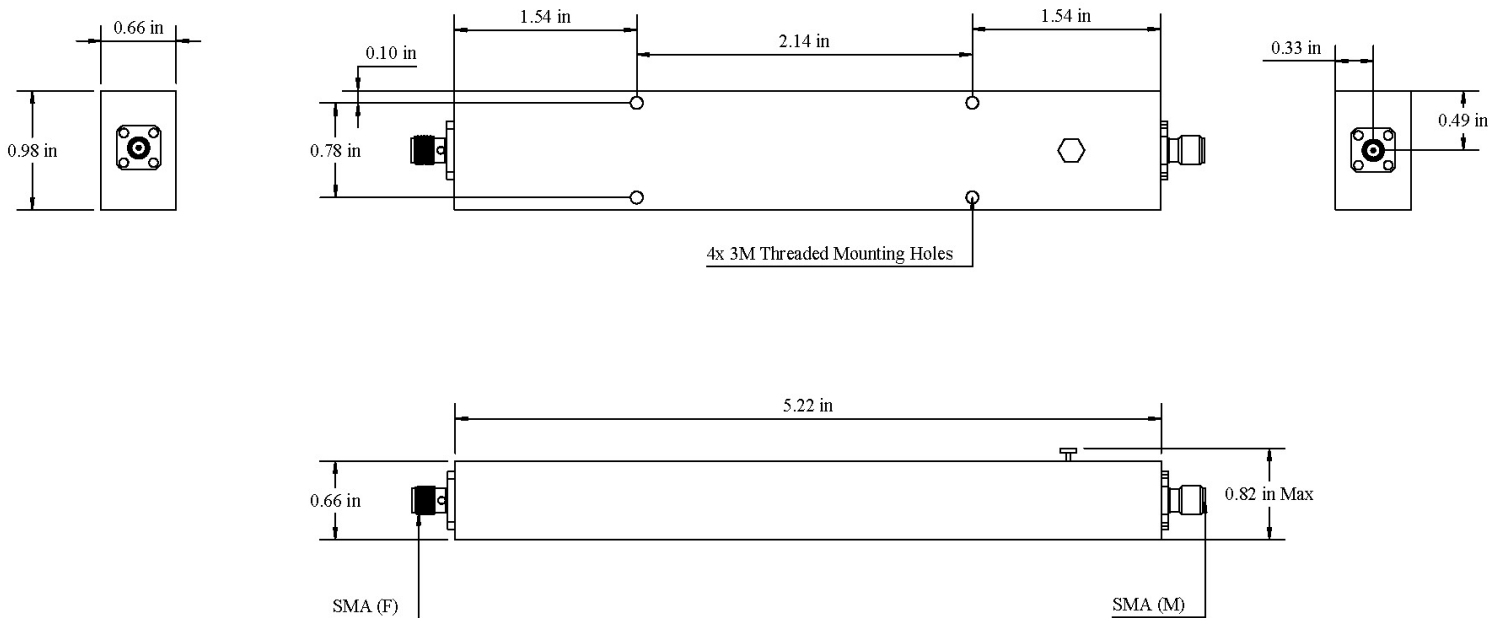
## Mechanical

**Connector Type:** SMA (F/M)  
**Dimensions:** 5.22 x 0.98 x 0.66 Inches

## Environmental

**Operating Temperature:** -40 to +85° C  
**Storage Temperature:** -50 to +95° C

## Outline Drawing:





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## Response Plot:

