



# 1795 MHz Cavity Band Pass Filter

Part Number: AE1795B10862



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

## Electrical Specifications

- Center Frequency: 1795 MHz
- Bandwidth: 170 MHz
- Passband: 1710-1880 MHz
- Insertion Loss: 1 dB Max
- Return Loss: 15 dB Min
- Rejection: 30 dB @ 1660 MHz  
30 dB @ 1930 MHz
- Power Handling: 150 Watts Max

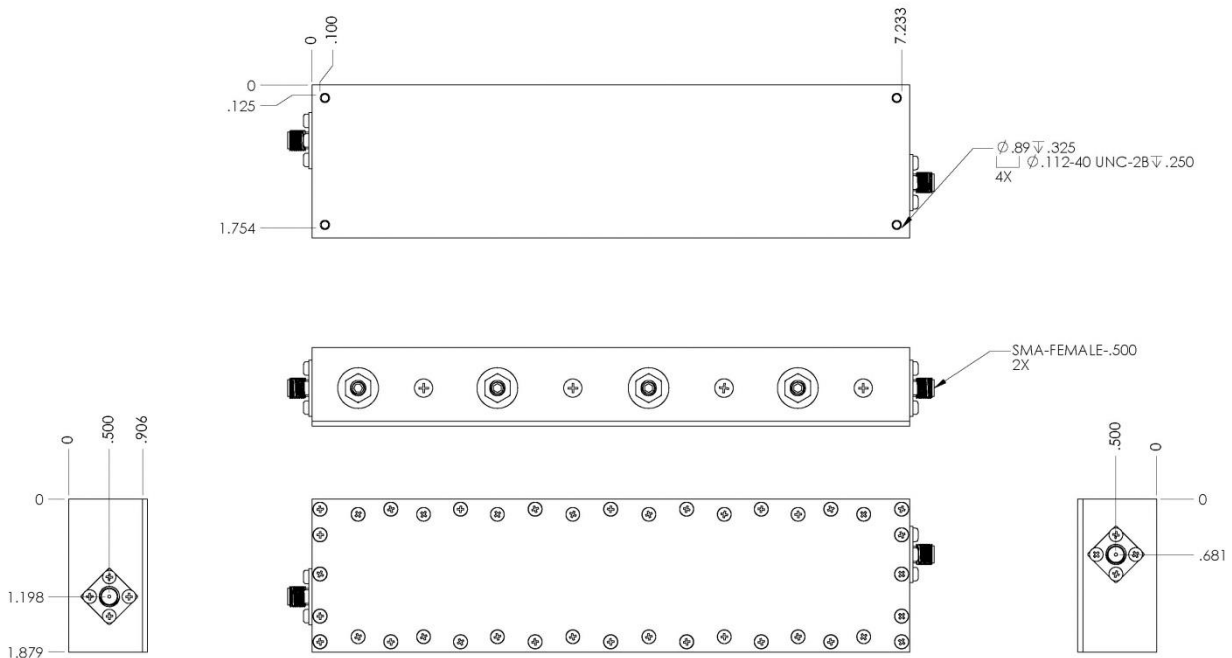
## Mechanical

- Connector Type: SMA (F)
- Dimensions: 7.33 x 1.879 x 1.0 Inches

## Environmental

- Operating Temperature: -40 to +80° C

## Outline Drawing:





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## Response Plot:

21 Feb 2012 10:21:43  
 CH1 S<sub>11</sub> log MAG 5 dB/ REF 0 dB 3: -15.492 dB  
 CH2 S<sub>21</sub> log MAG 5 dB/ REF 0 dB 1: -.2577 dB

