



# 677 MHz Cavity Band Pass Filter



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

**Part Number: AE677B11192**

## Electrical Specifications

**Center Frequency:** 677 MHz  
**Bandwidth:** 18 MHz  
**Passband:** 668-686 MHz  
**Insertion Loss:** 1.0 dB Max  
**Return Loss:** 14 dB Min  
**Rejection:** >50 dB @ 0-628 MHz  
>50 dB @ 726-2000 MHz  
**Power Handling:** 50 Watts Max

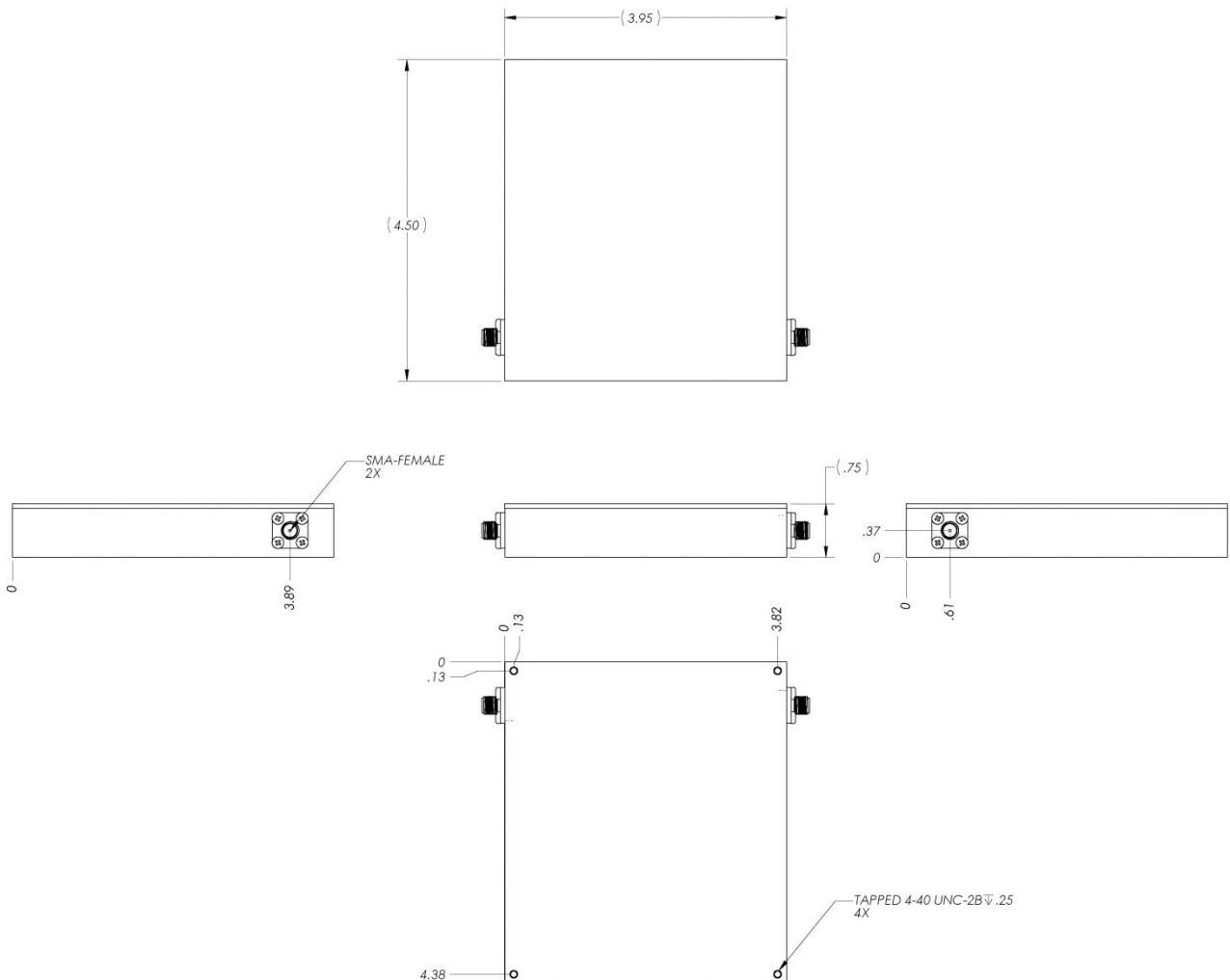
## Mechanical

**Connector Type:** SMA (F)  
**Dimensions:** 4.50 x 3.95 x 0.75 Inches

## Environmental

**Operating Temperature:** -30 to +70° C  
**Storage Temperature:** -40 to +85° C

### Outline Drawing:



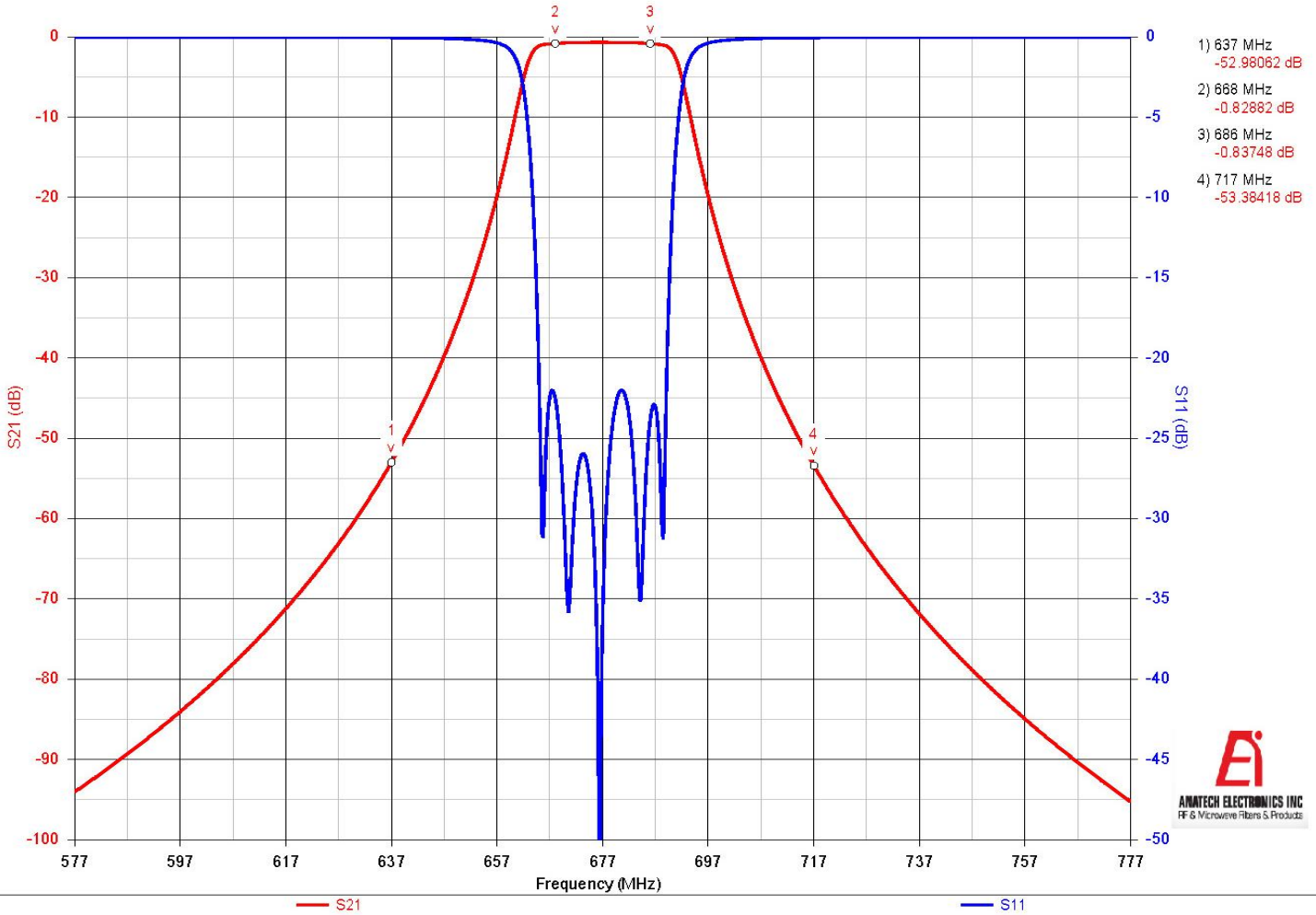


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## Response Plot:



**Note:** This is a simulation plot. Actual results may differ once the product is implemented.