



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

# 491 MHz Cavity Band Pass Filter

**Part Number: AE491B11697**



## Electrical Specifications

**Center Frequency:** 491 MHz  
**Pass Band:** 470-512 MHz Min.  
**Insertion Loss:** 2.0 dB Max  
**Return Loss:** 15 dB Min  
**Rejection1:**  $\geq 30$  dB @ 450 MHz  
**Rejection2:**  $\geq 30$  dB @ 531 MHz  
**Power Handling:** 10 W

## Mechanical

**Connector Type:** SMA (F)  
**Dimensions:** 4.69 x 3.19 x 2.76 Inches

## Environmental

**Operating Temperature:** -40 to +85° C  
**Storage Temperature:** -50 to +95° C  
**Shock:** 20 G. 11 ms  
**Vibration:** 20 G. 5 to 200 Hz

## Outline Drawing:

