



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

# 4190 MHz Cavity Bandpass Filter

**Part Number: AE4190B12007-WR229**



## Electrical specifications

**Center Frequency:** 4190 MHz  
**Bandwidth:** 20 MHz  
**Passband:** 4180 – 4200 MHz  
**Insertion Loss:** 2.0 dB Max  
**VSWR:** 1.5:1  
**Rejection:** 50 dB Min @ 4190 ± 27 MHz  
**Impedance:** 50 Ohms In/Out  
**Power Handling:** 50 W CW Max

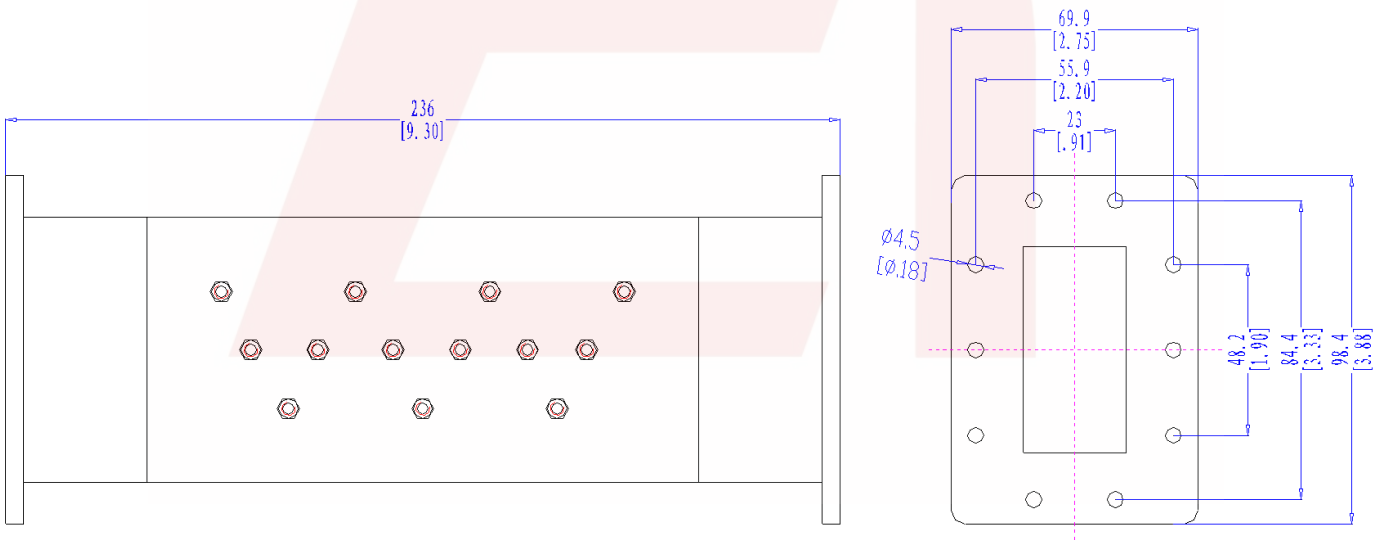
## Mechanical

**Connector Type:** WR229  
**Dimensions:** 9.30 x 3.88 x 2.75 inches  
 236 x 98.4 x 69.9 mm

## Environmental

**Operating Temperature:** -40°C to +70°C  
**Storage Temperature:** -55°C to +85°C  
**Shock:** 20G for 11ms  
**Vibration:** 20 G. 5 to 200 Hz

## Outline Drawing:



Outline Tolerances ±0.3(0.012)

DS-B12007-WR229-04052023-Rev0

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