



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

# 1090 MHz Cavity Band Pass Filter

**Part Number: AE1090B11203**



## Electrical Specifications

**Center Frequency:** 1090 MHz  
**1dB Bandwidth:** 60 MHz  
**Passband:** 1060-1120 MHz  
**Insertion Loss at Center:** 1.2 dB Max  
**VSWR:** 1.50:1 Max  
**Ripple:**  $\pm 0.4$  dB Max  
**Rejection:**  $>50$  dBc @ 990 MHz  
 $>40$  dBc @ 1190 MHz  
**Power:** 10 Watt CW  
**Impedance:** 50  $\Omega$

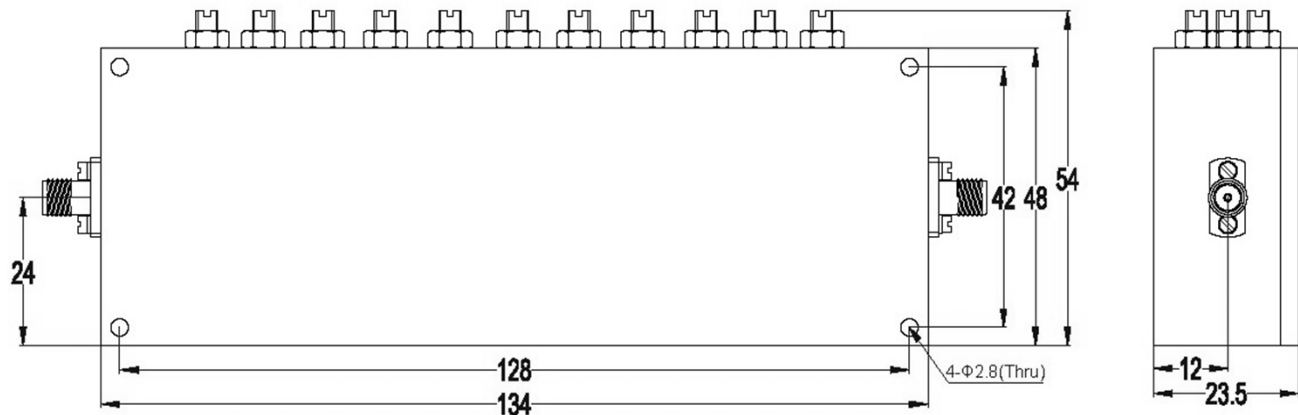
## Mechanical

**Connector Type:** SMA (F)  
**Dimensions:** 134 x 42 x 23.5 mm

## Environmental

**Operating Temperature:** -40 to +70° C  
**Storage Temperature:** -55 to +85° C

## Outline Drawing:



**Note:** Unit: mm, Unless otherwise specified, .Outline drawing  $\pm 0.2$ mm; Hole  $\pm 0.1$ mm