



2990 MHz Cavity Bandpass Filter



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AE2990B11732

Electrical specifications

Center Frequency: 2990 MHz
Operational Bandwidth (min): Fo+/-97 MHz
Passband Insertion Loss: 2.0 dB Max.
Passband : 2893-3133 MHz
Bandwidth: 240 MHz
Passband Return loss: 15 dB Min.
Passband Variation over bandwidth: 0.5 dB
Rejection 1: 40 dB Min @ 3280 MHz
Rejection 2: 40 dB Min @ 2700 MHz
I/O Impedance: 50 Ohm
Power Handling: 20 W CW, 130 W peak

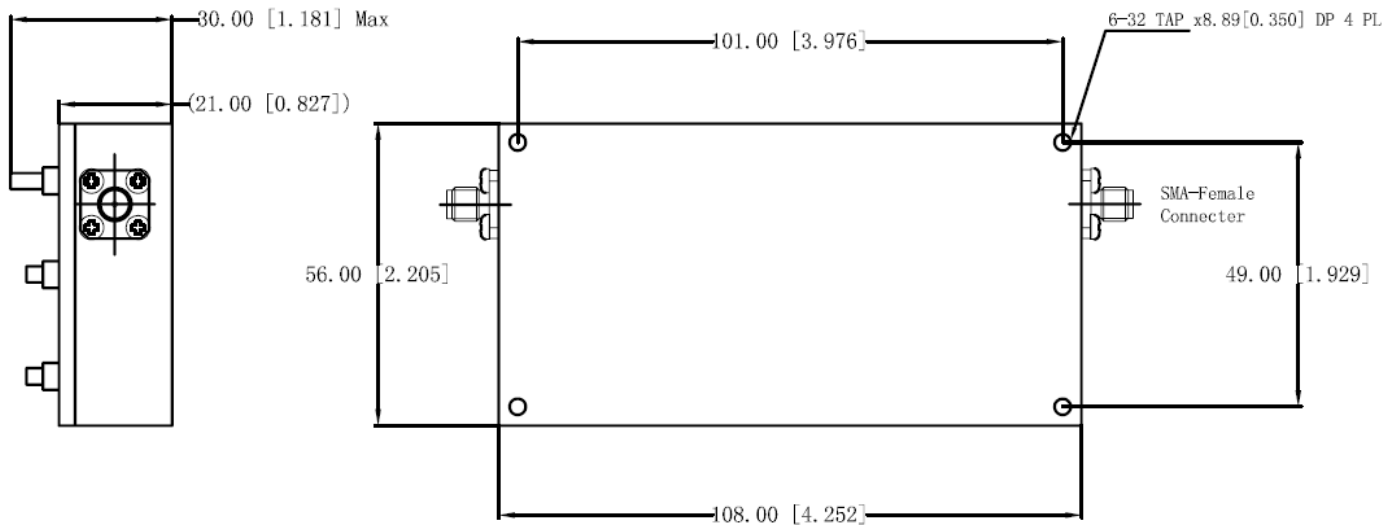
Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: SMA Female
Dimensions: 4.25 X 2.20 X 1.18 in

Environmental

Operating Temperature: -45 to +85° C
Storage Temperature: -55 to +95° C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 MHz

Outline Drawing:



Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.