



2250 MHz Suspended Stripline High Pass Filter

Part Number: AE2250SSH6614



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Electrical Specifications

Cut Off Frequency: 2.25GHz
Pass Band Frequency: 2.25~19GHz
Pass Band Insertion Loss:
 $\leq 1.5\text{dB @ } 2.25\sim 2.35\text{GHz}$
 $\leq 1.0\text{dB @ } 2.35\sim 19\text{GHz}$
Pass Band VSWR: $\leq 1.5:1$
Stop Band Attenuation1: $\geq 56\text{dB @ DC}\sim 1.675\text{GHz}$
Stop Band Attenuation2: $\geq 50\text{dB @ } 1.77\text{GHz}$
Impedance: 50 Ohms
Power Handling: $\leq 5\text{W}$

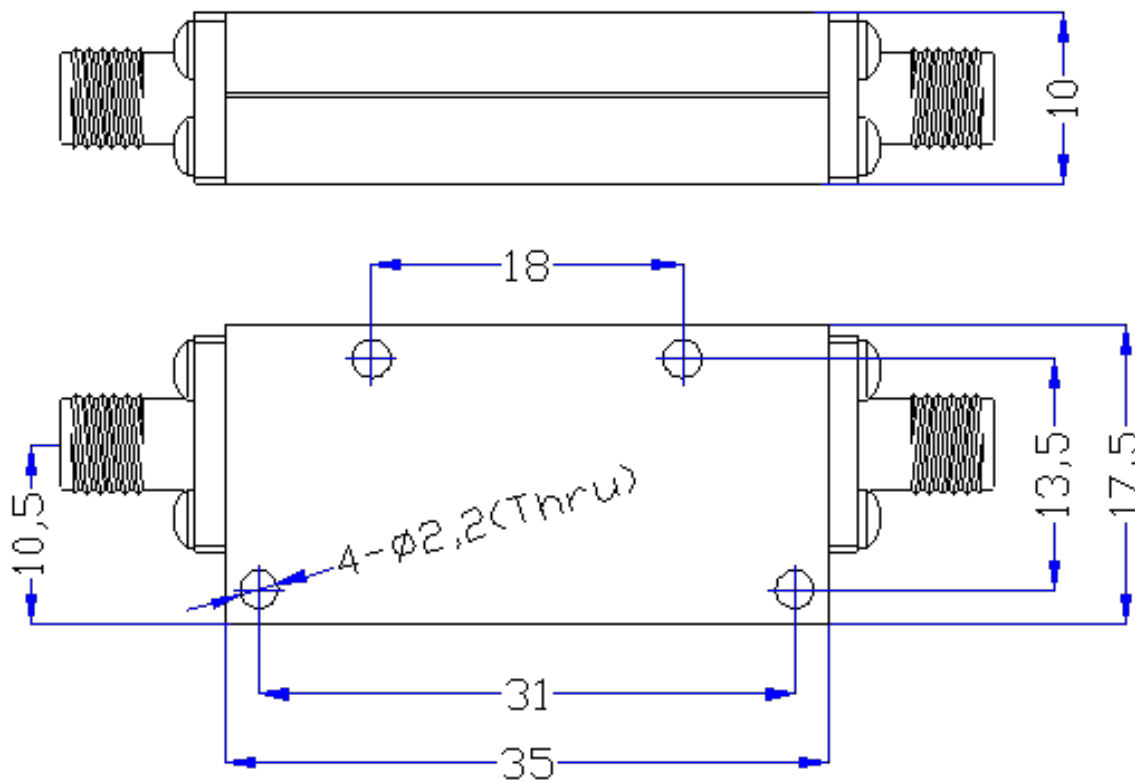
Mechanical

Mounting Method: Through Holes
Connector Type: SMA-Female
Dimensions: 35.0 x 17.5 x 10.0 mm

Environmental

Operating Temperature: -30° to $+70^{\circ}$ C
Storage Temperature: -45° to $+85^{\circ}$ C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz

Outline Drawing:



Tolerance: ± 0.01 inches [$\pm 0.3\text{mm}$]

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.

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