



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1500 MHz Suspended Stripline High Pass Filter

Part Number: AE1500SSH6583



Electrical Specifications

Cut Off Frequency: 1.5GHz
Pass Band Frequency: 1.5~14GHz
Pass Band Insertion Loss:
 $\leq 1.5\text{dB @ } 1.5\sim 1.6\text{GHz}$
 $\leq 1.0\text{dB @ } 1.6\sim 14\text{GHz}$
Pass Band VSWR: $\leq 1.5:1$
Stop Band Attenuation: $\geq 50\text{dB @ DC}\sim 1.17\text{GHz}$
Impedance: 50 Ohms
Power Handling: $\leq 15\text{W}$

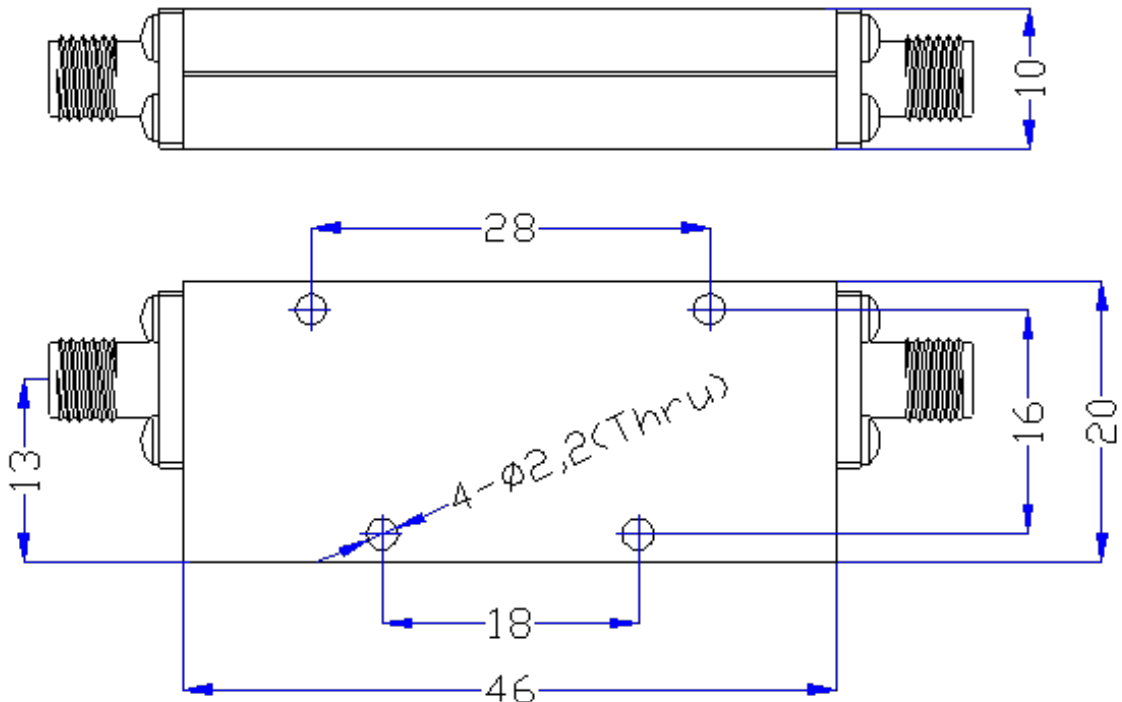
Mechanical

Mounting Method: Through Holes
Connector Type: SMA-Female
Dimensions: 56 x 20 x 10 mm

Environmental

Operating Temperature: -45° to $+85^\circ$ C
Storage Temperature: -55° to $+95^\circ$ 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.

70 Outwater Lane Phone: (973) 772-4242
 Garfield, NJ 07026 Fax : (973) 321-3941

Email: sales@anatechelectronics.com
 Web: www.anatechelectronics.com



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Response plot:

