ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

9000 MHz Suspended Stripline High Pass Filter

Part Number: AE9000SSH6564

ISO 9001 REGISTERED FIRM

Electrical Specifications

Cut Off Frequency: 9.0GHz
Pass Band Frequency: 9.0～23GHz
Pass Band Insertion Loss:
≤2.0dB @ 9.0～9.5GHz
≤1.0dB @ 9.5～23GHz
Pass Band VSWR:
≤1.5:1 @ 9.0～20GHz
≤1.8:1 @ 20～23GHz
Stop Band Attenuation: ≥60dB @ DC～8.22GHz
Impedance: 50 Ohms
Power Handling: ≤15W

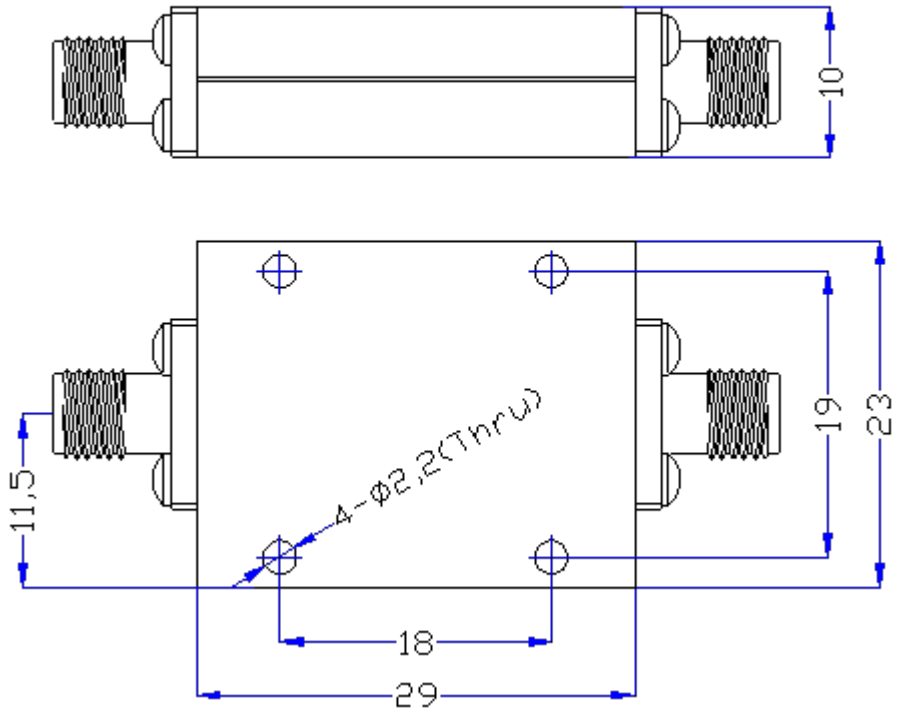
Mechanical

Mounting Method: Through Holes
Connector Type: SMA-Female
Dimensions: 29 x 23 x 10 mm

Environmental

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

Outline Drawing:



2 decimal places: +/-0.01 inches [+/- 0.3mm]
3 decimal places: +/- 0.005 inches [+/- 0.13mm]
Angles: +/- 1 Deg.
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** **Email: sales@anatechelectronics.com**
Garfield, NJ 07026 **Fax : (973) 772-4646** **Web: www.anatechelectronics.com**

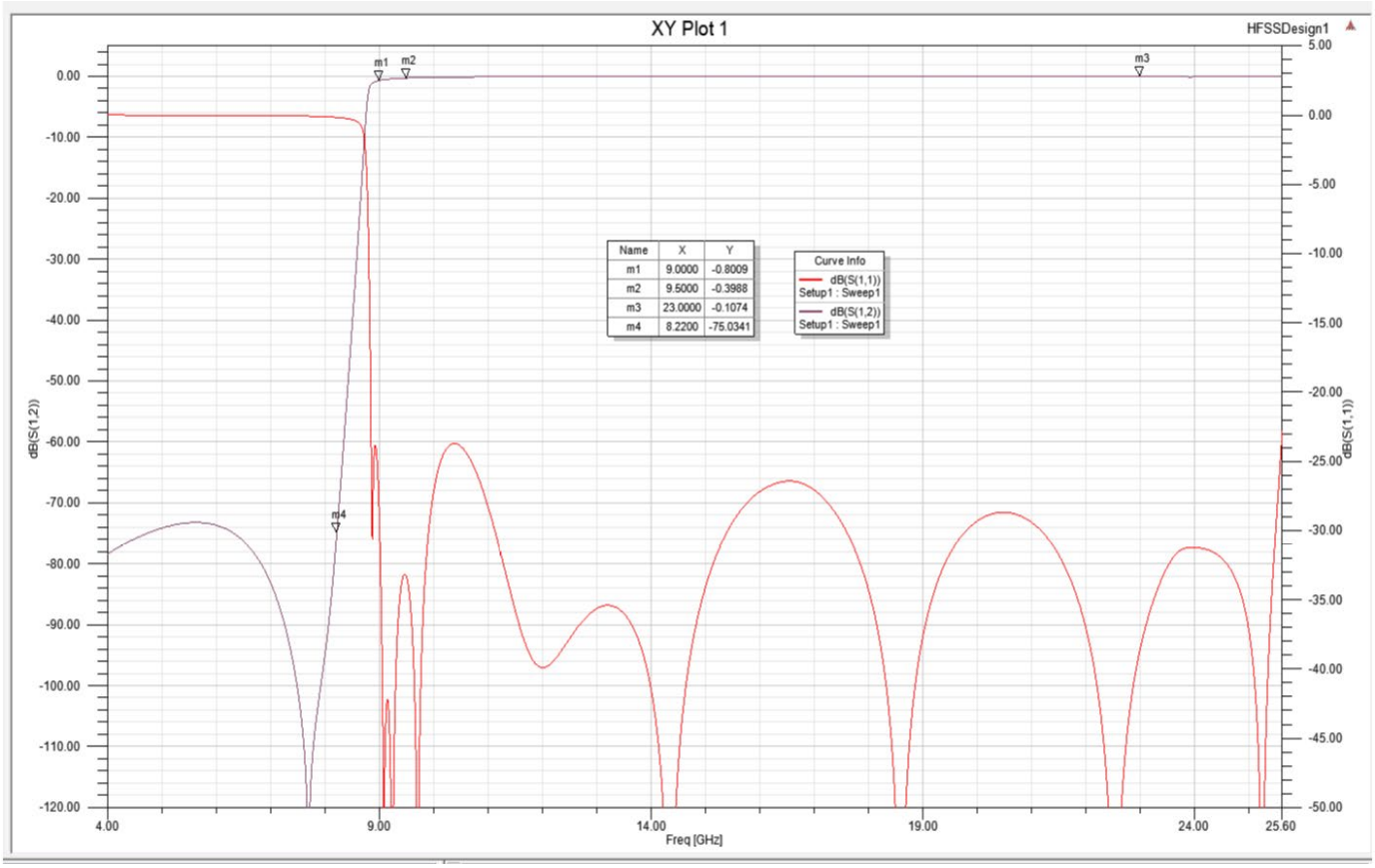
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Simulation Plot:



Note: This is a simulated response plot. Actual performance might differ.

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