



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

10010 MHz Cavity Bandpass Filter

Part Number: AB10010B1138-2.92



Electrical specifications

Center Frequency: 10010 MHz
Bandwidth: 320 MHz
Input / Output Impedance: 50 Ohms
Passband: 9850-10170 MHz
Passband Insertion Loss: ≤ 1.0 dB
Passband Ripple: < 0.2 dB
Passband Return Loss: ≥ 15 dB
Rejection: ≥ 70 dB @ 9610, 10410 MHz
Impedance: 50 Ohms In/Out
Power Handling: 2W

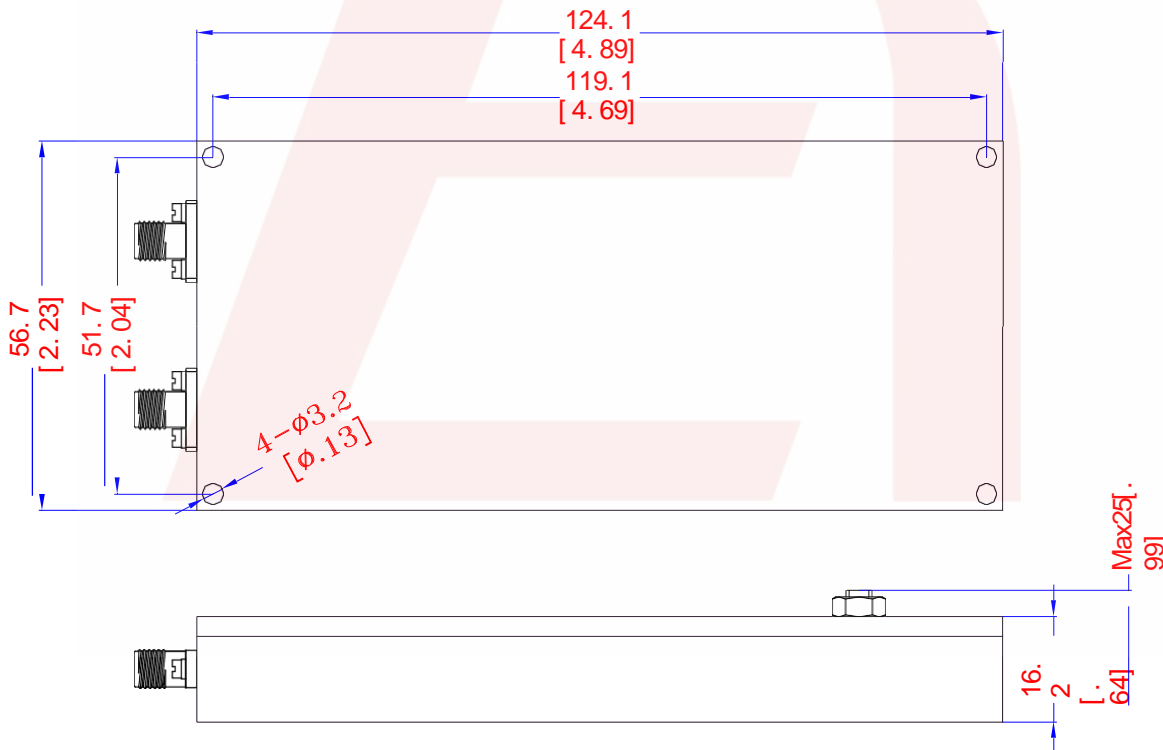
Mechanical

Connector Type: 2.92mm Female
Dimensions: 4.89 x 2.23 x .64 inches

Environmental

Operating Temperature: -0 to +50 deg.C
Storage Temperature: -55 to +95 deg.C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz

Outline Drawing:



DS-B1138-2.92-02272024Rev0



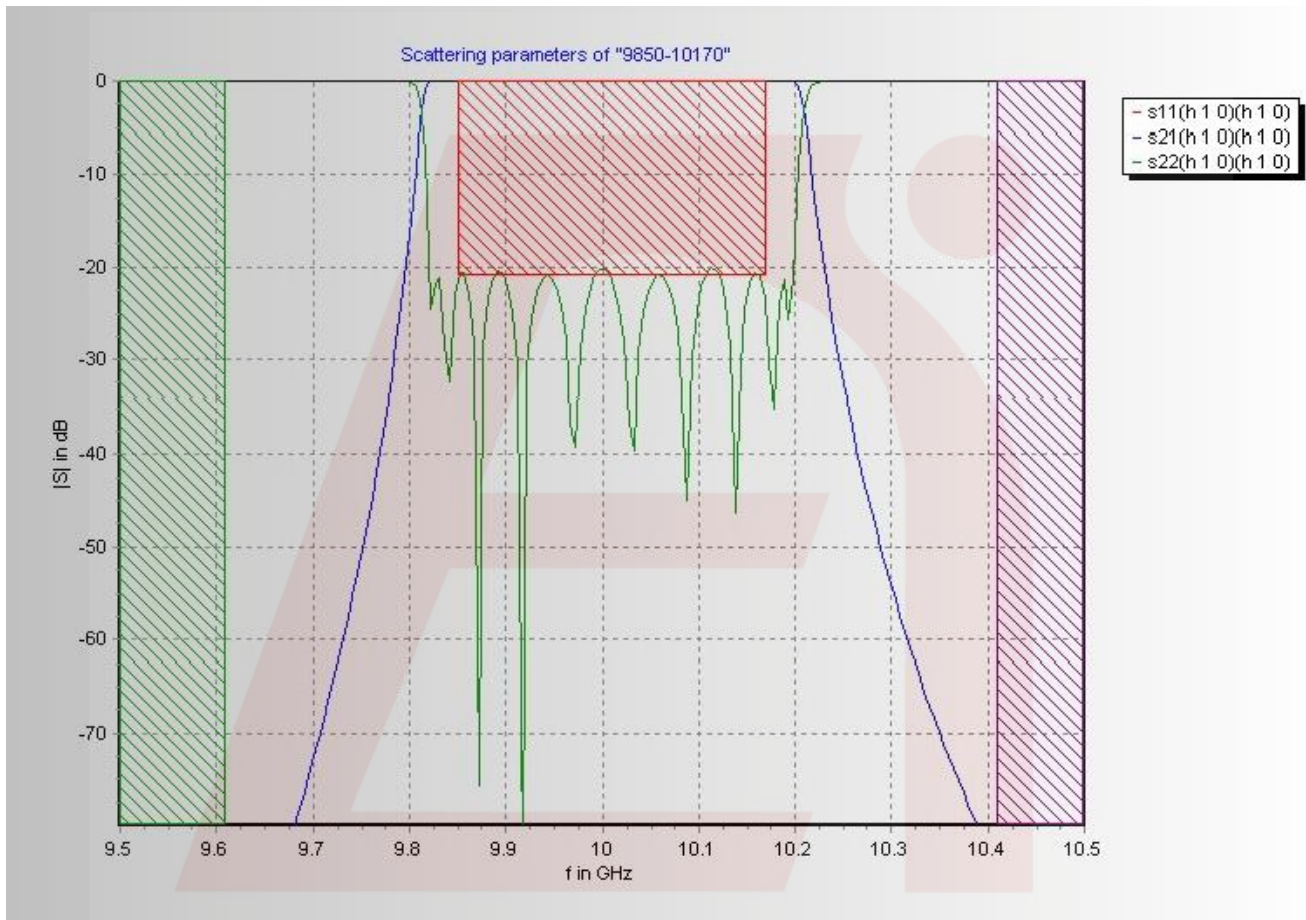
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Response Plot:



DS-B1138-03152018-Rev0