



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

814 MHz Cavity Bandpass Filter

Part Number: AE814B12005



Electrical specifications

Center Frequency: 814 MHz
Passband: 769 – 859 MHz
Insertion Loss: 0.8 dB Max
Return Loss: 15 dB Min
Rejection: 30 dB Min @ 869 MHz
Rejection: 40 dB Min @ 890 MHz
Rejection: 30 dB Min @ 1300 MHz
Impedance: 50 Ohms In/Out
Power Handling: 30 W CW Max

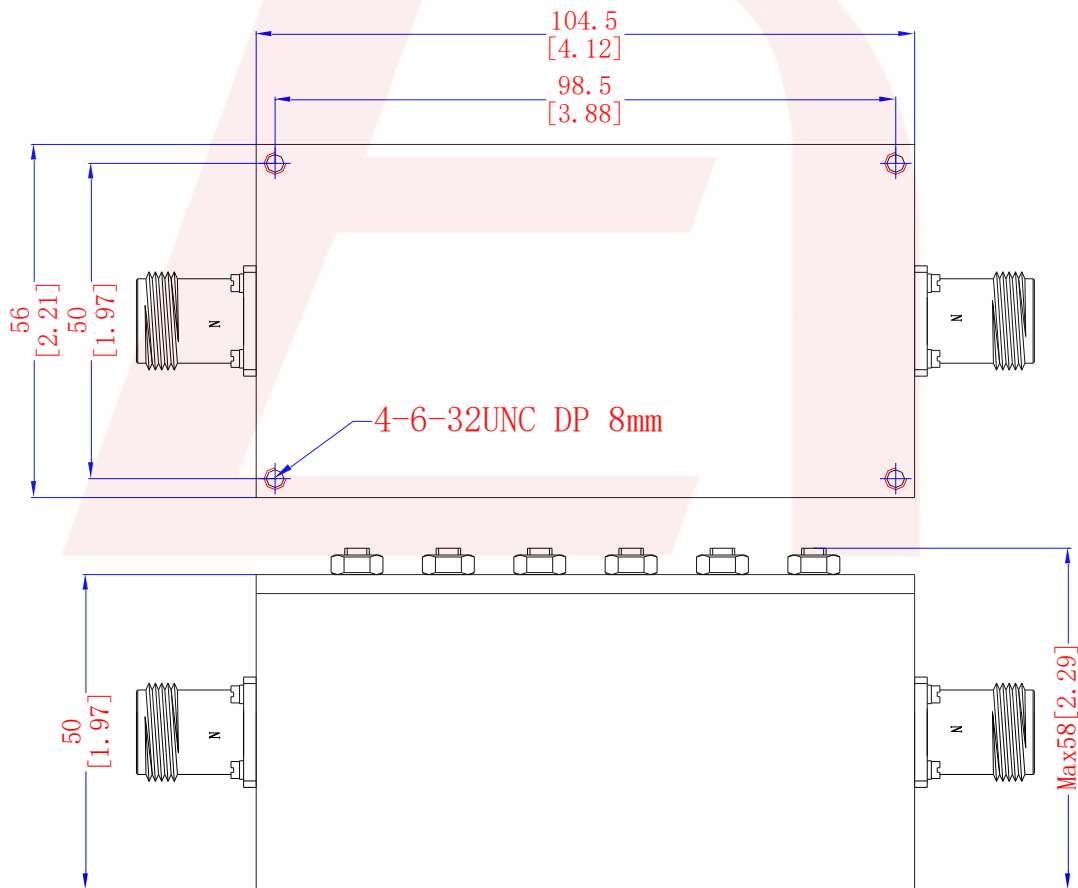
Mechanical

Connector Type: N-Type Female
Dimensions: 4.12 x 2.21 x 2.29 inches
 104.5 x 56 x 58 mm

Environmental

Operating Temperature: -40 to +70 deg. C
Storage temperature: -55 to +85 deg. C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz

Outline Drawing:



Outline Tolerance $\pm 0.3(0.012)$

DS-B12005-03162023-Rev0



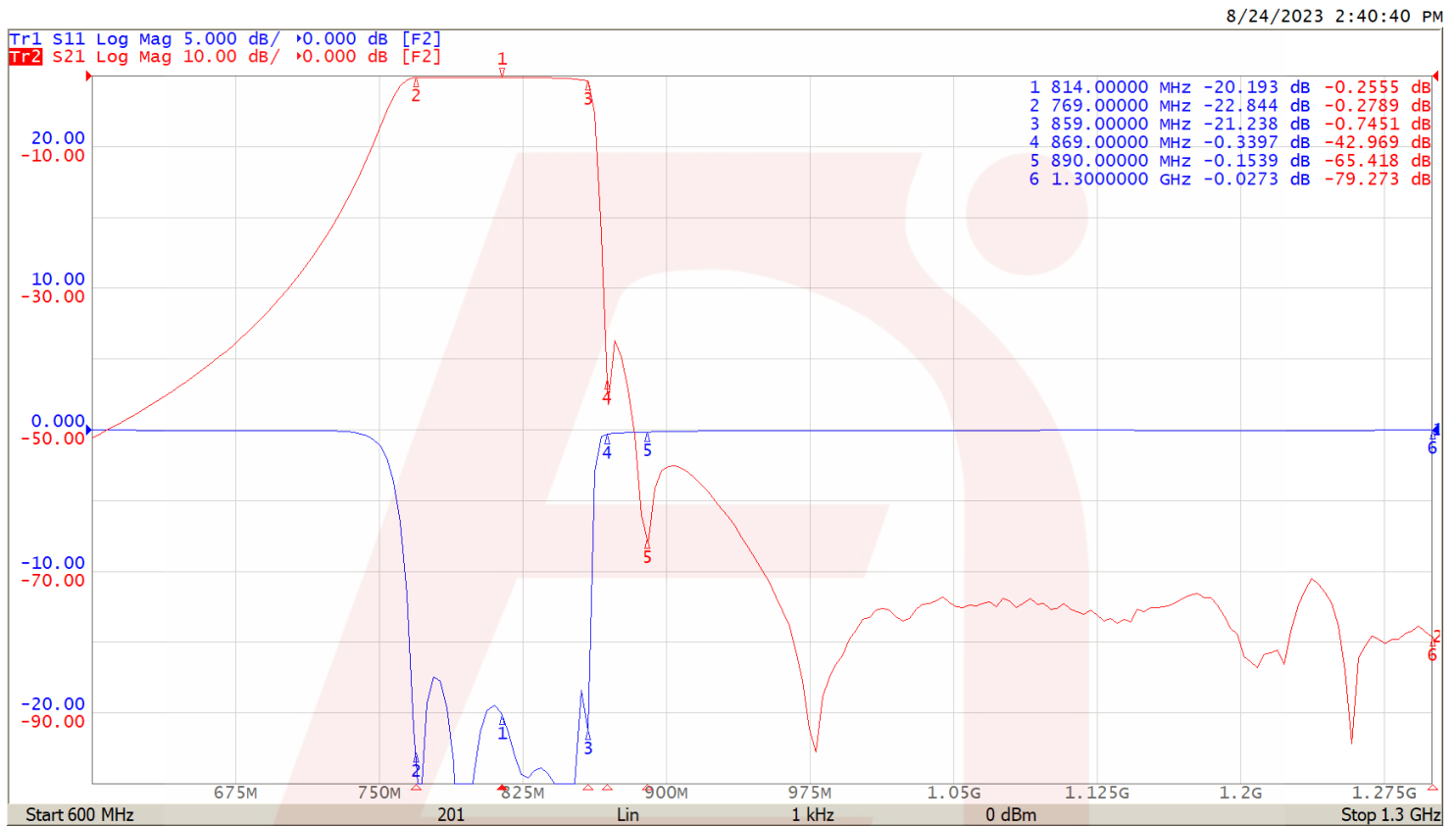
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Response Plot:



DS-B12005-03162023-Rev0