



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

4775 MHz Cavity Bandpass Filter

Part Number: AE4775B12121



Electrical specifications

Center Frequency: 4775 MHz
Passband: 4700 – 4850 MHz
Insertion Loss: 1.5 dB Max
Return Loss: 15 dB Min
Rejection: 50 dB Min @ 4650 MHz
Rejection: 50 dBc Min @ 4900 MHz
Impedance: 50 Ohms In/Out
Power Handling: 20 W CW Max

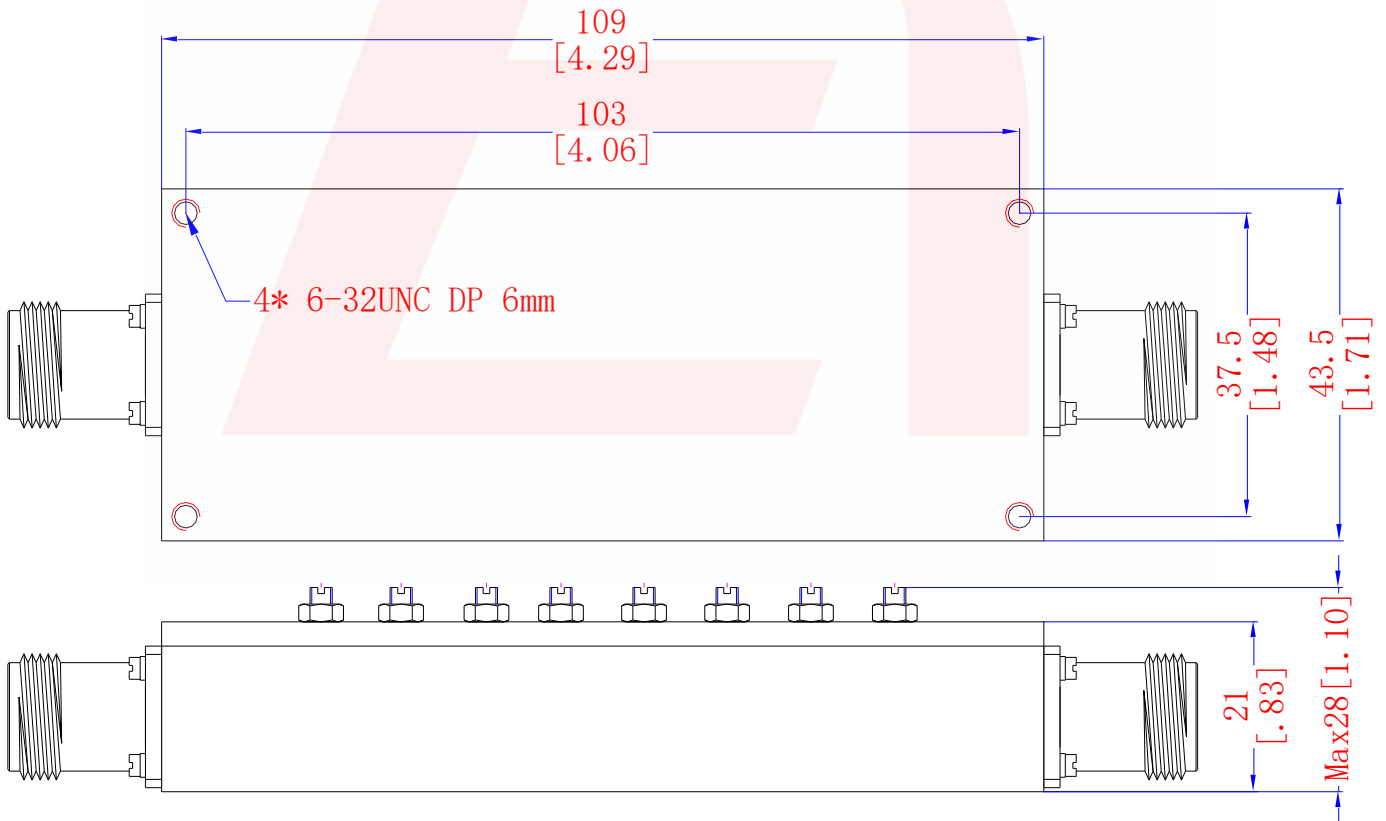
Mechanical

Connector Type: N-Type Female
Dimensions: 4.29 x 1.71 x 1.10 in.
 109 x 43.5 x 28 mm

Environmental

Operating Temperature: -40 to +70° C
Storage Temperature: -45 to +85° C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz

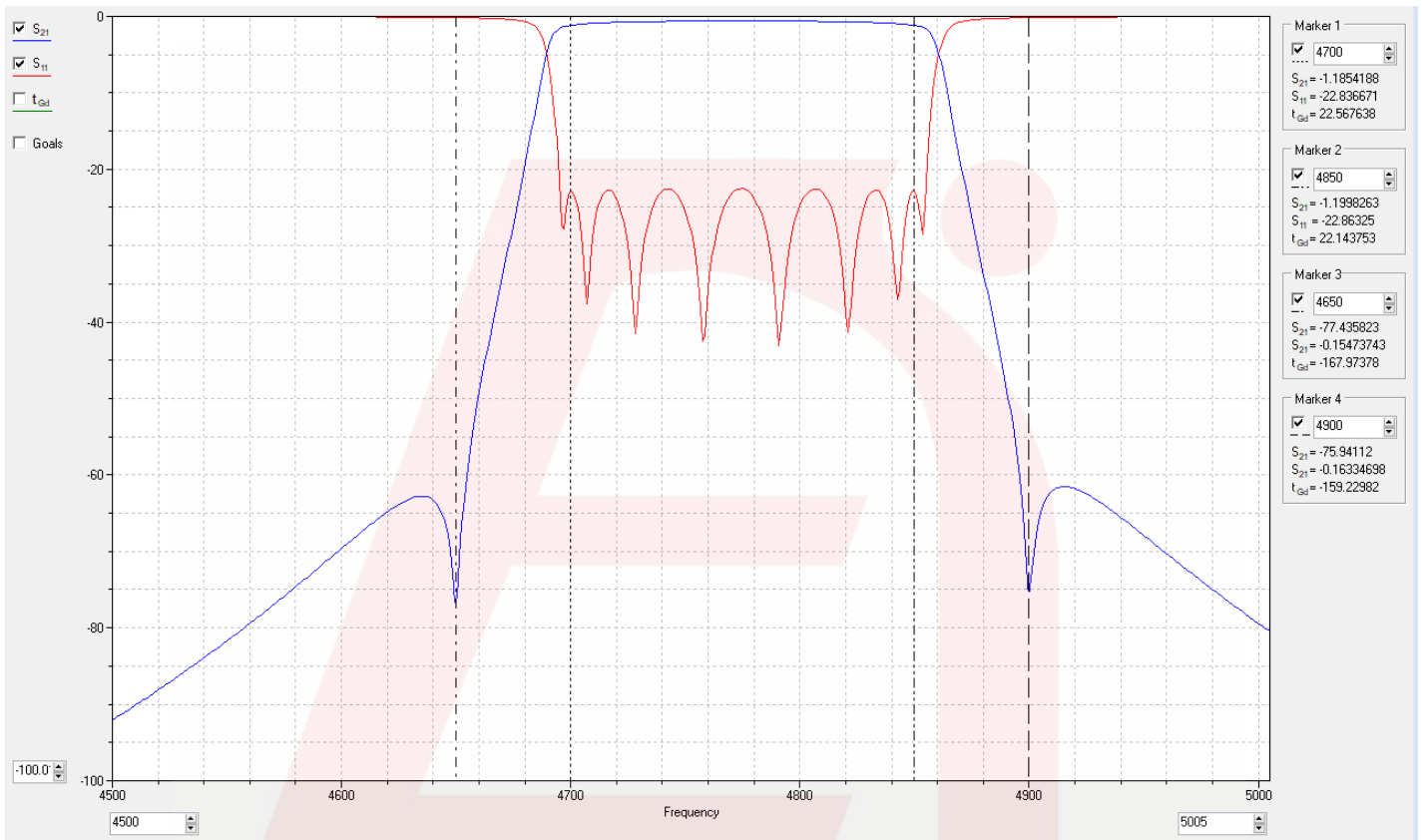
Outline Drawing:



DS-B12121-02282024-Rev0



Simulation Response Plot:



Note: This is a simulation Plot. Actual response plot might differ.