



4500 MHz Cavity Bandpass Filter

Part Number: AE4500B11854



Electrical specifications

Center Frequency: 4500 MHz
Pass Band: 4400-4600 MHz
Insertion loss: 0.6 dB Max
Return loss: 15 dB Min
Rejection: $\geq 55\text{dB}@F_c \pm 300\text{ MHz}$
Impedance: 50 Ohms In/Out
Power Handling: 40 W max

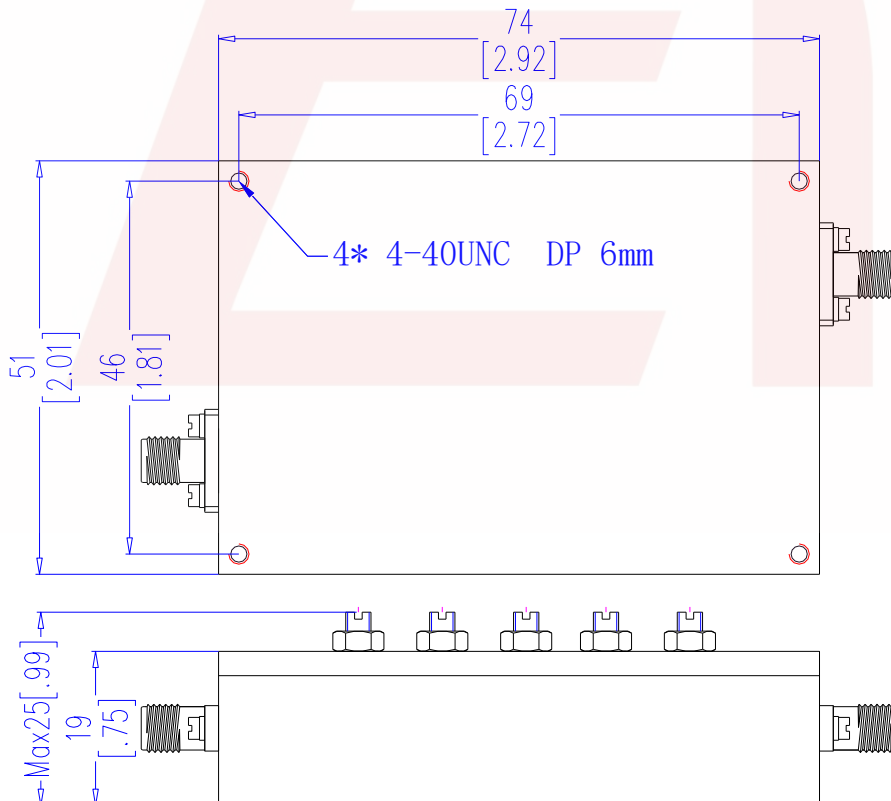
Mechanical

Mounting Method: 4-40 Threaded Mounting Holes
Connector Type: Removable SMA Female
Dimensions: 74 x 51 x 25 mm

Environmental

Operating Temperature: -30 to +70°C
Storage Temperature: -55 to +95°C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz
Drop test: 2 feet

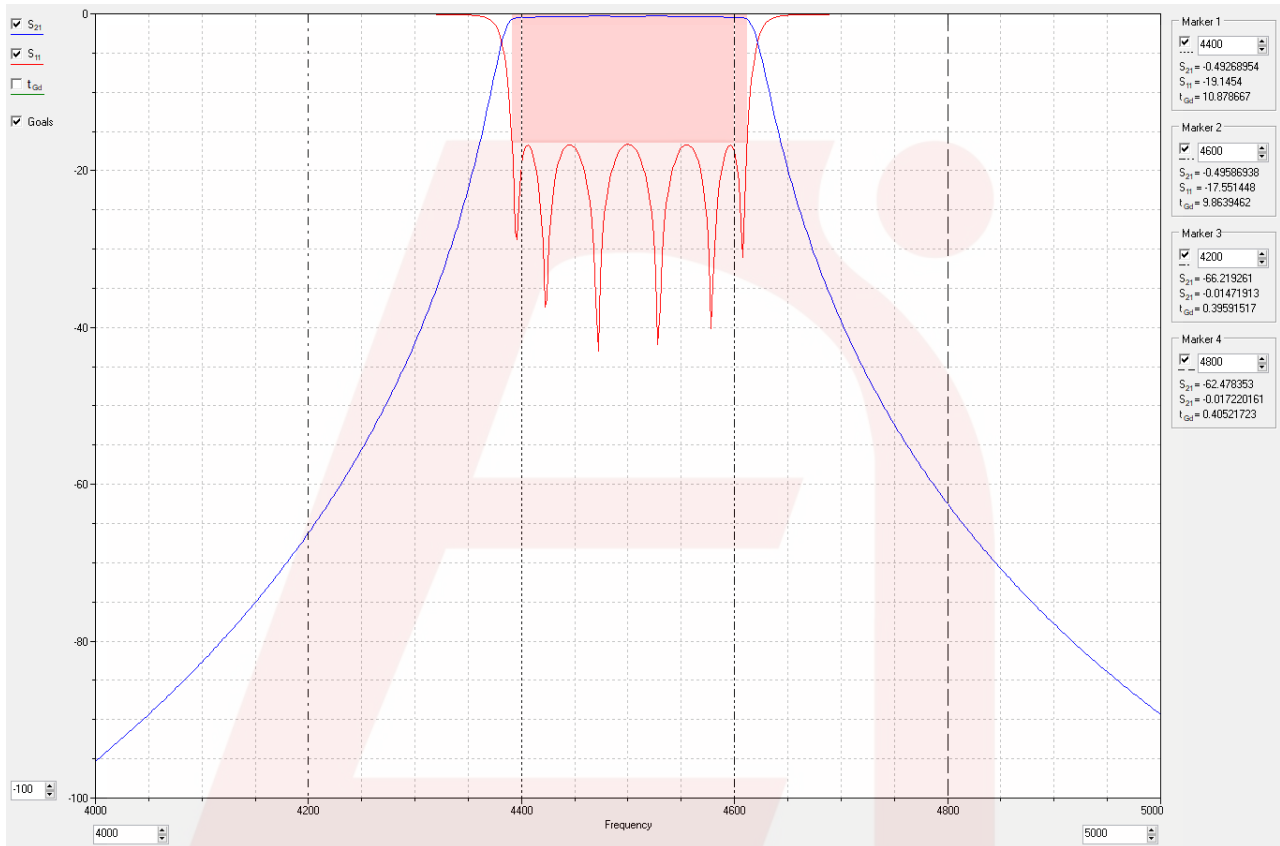
Outline Drawing:



DS-B11854-04292021-Rev0



Simulation plot



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