



Electrical specifications

Center Frequency: 4900 MHz
Pass Band: 4800-5000 MHz
Insertion loss: 0.8 dB Max
Ripple : ±0.3 dB
Return loss: 15 dB Min
Rejection: ≥70dB@Fc±300 MHz
Power Handling: 40 W max

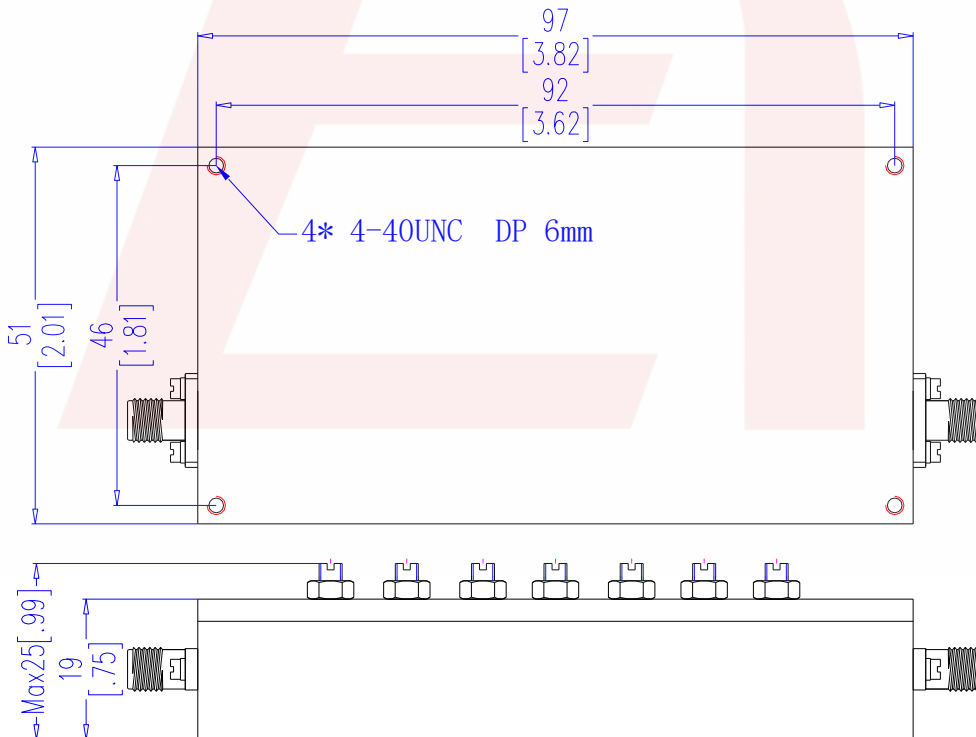
Mechanical

Mounting Method: 4-40 Threaded Mounting Holes
Connector Type: Removable SMA Female
Dimensions: 97 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:





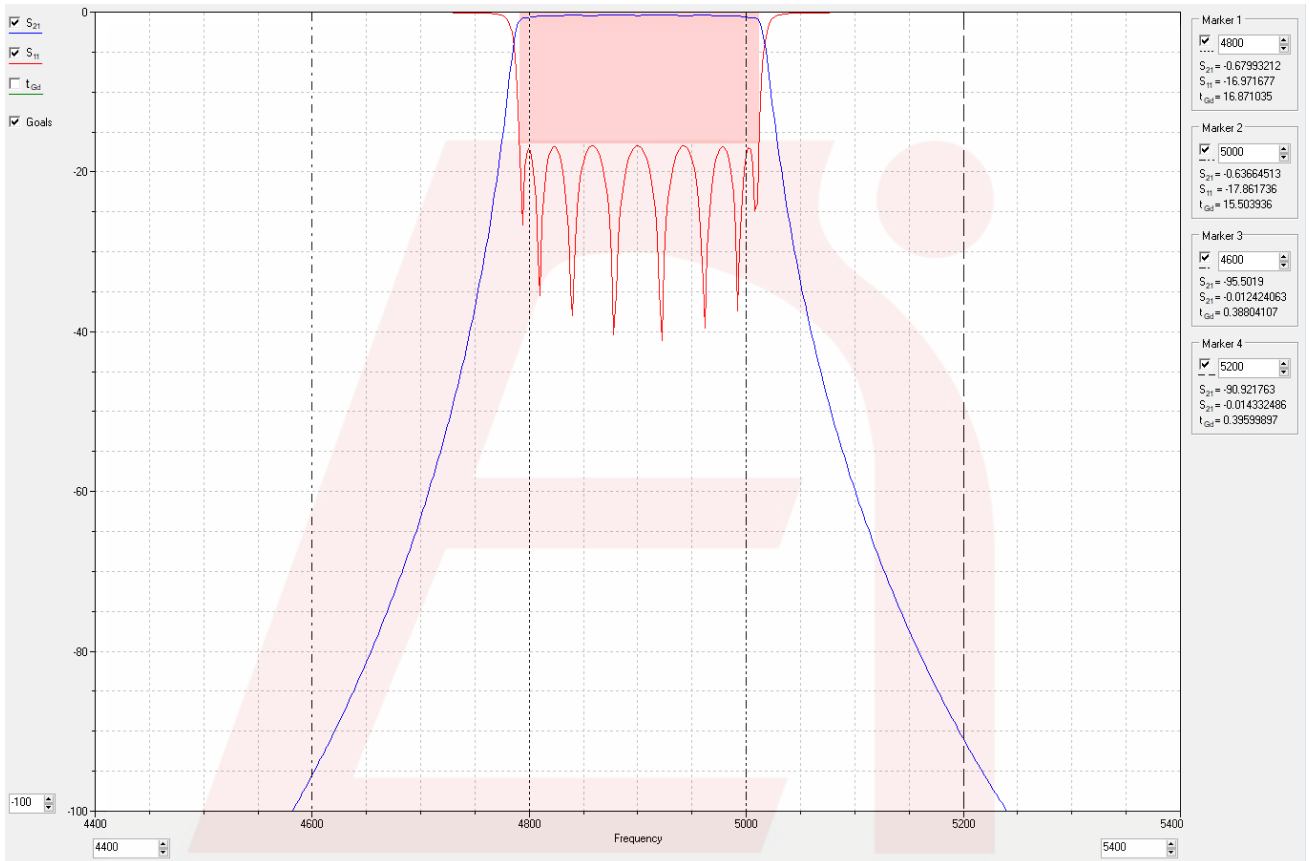
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

4900 MHz Cavity Bandpass Filter

Part Number: AE4900B11855



Simulation plot



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

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