



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

700 MHz Cavity Bandpass Filter

Part Number: AE700B12030



Electrical specifications

Center Frequency: 700 MHz
Bandwidth: 60 MHz
Passband: 670 – 730 MHz
Insertion Loss: 0.4 dB Max.
Rejection: 50 dB Min @ 500 MHz
Rejection: 50 dB Min @ 900 MHz
Input / Output Impedance: 50 Ohms
Power Handling: 5 mW

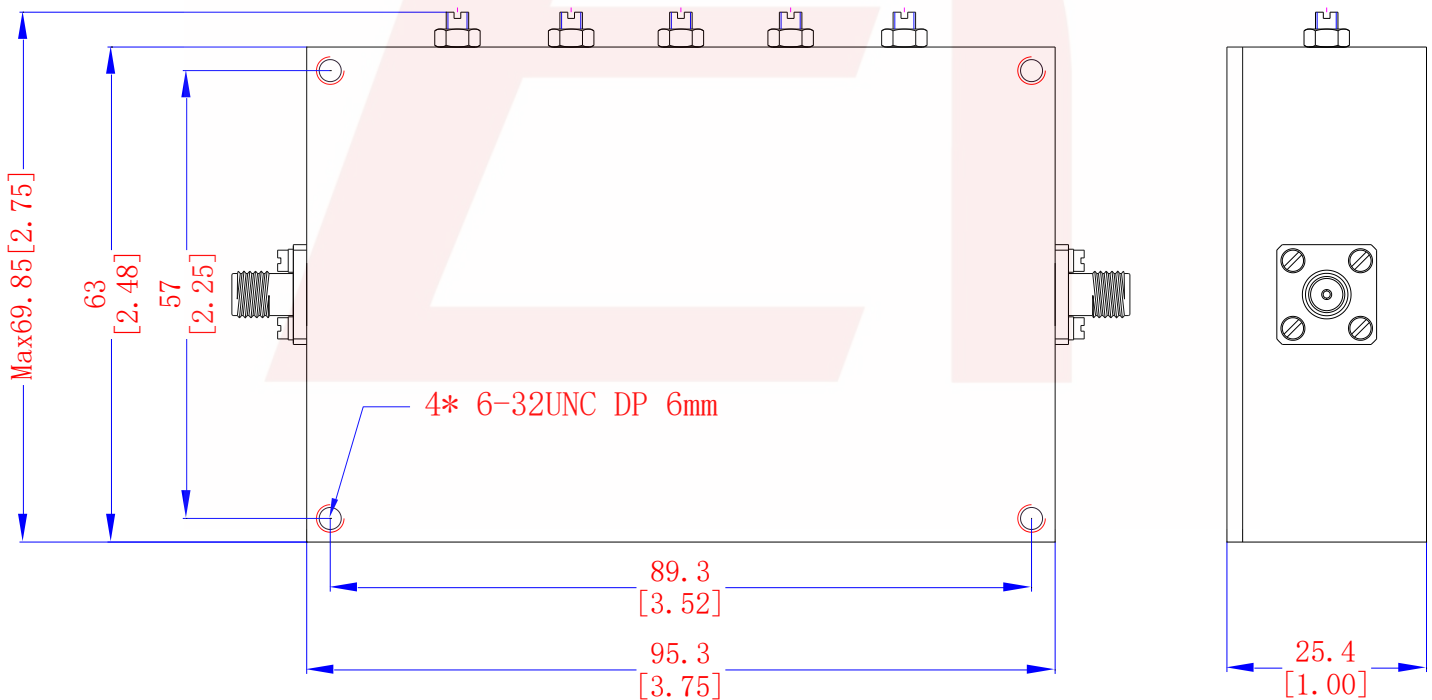
Mechanical

Dimensions: 3.75 x 2.75 x 1.0 in.
 95.3 x 63 x 25.4 mm
Connector Type: SMA F

Environmental

Operating Temperature: -45 to +85 deg.C
Storage Temperature: -55 to +95 deg.C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 2000 Hz

Outline Drawing:



DS-B12030-08282023-Rev0

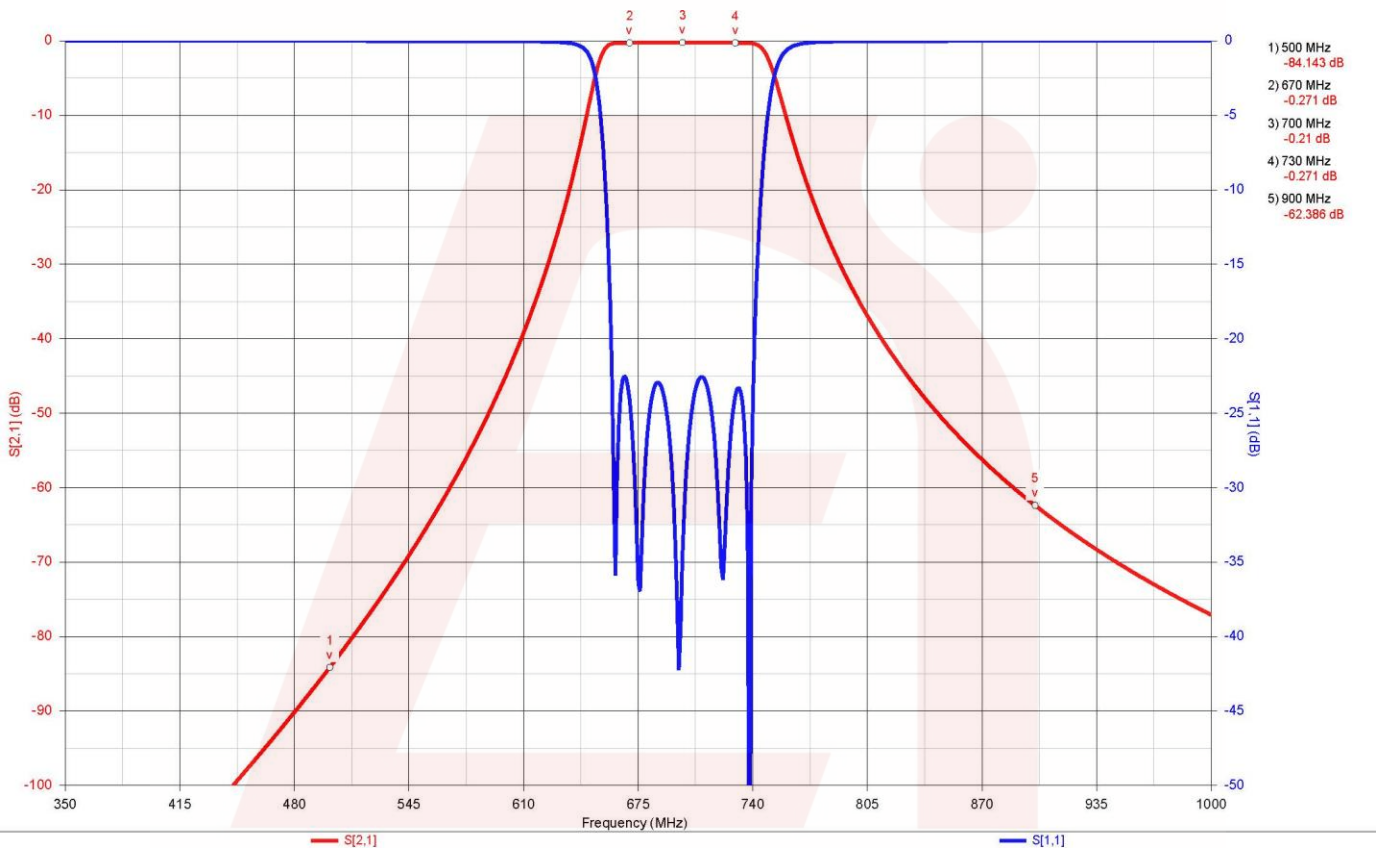


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Simulation Plot:



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