



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

635 MHz Bandpass Filter

Part Number: AE635B12344



Electrical specifications

Center Frequency: 635 MHz
Passband: 470 - 800 MHz
Passband Insertion Loss: 1 dB Max
Passband Return Loss: 14 dB Min
Rejection: 40 dB Min @ 400 MHz
Rejection: 40 dB Min @ 850 - 4000 MHz
Impedance: 50 Ohms In/Out
Power Handling: 100 - 150 W CW

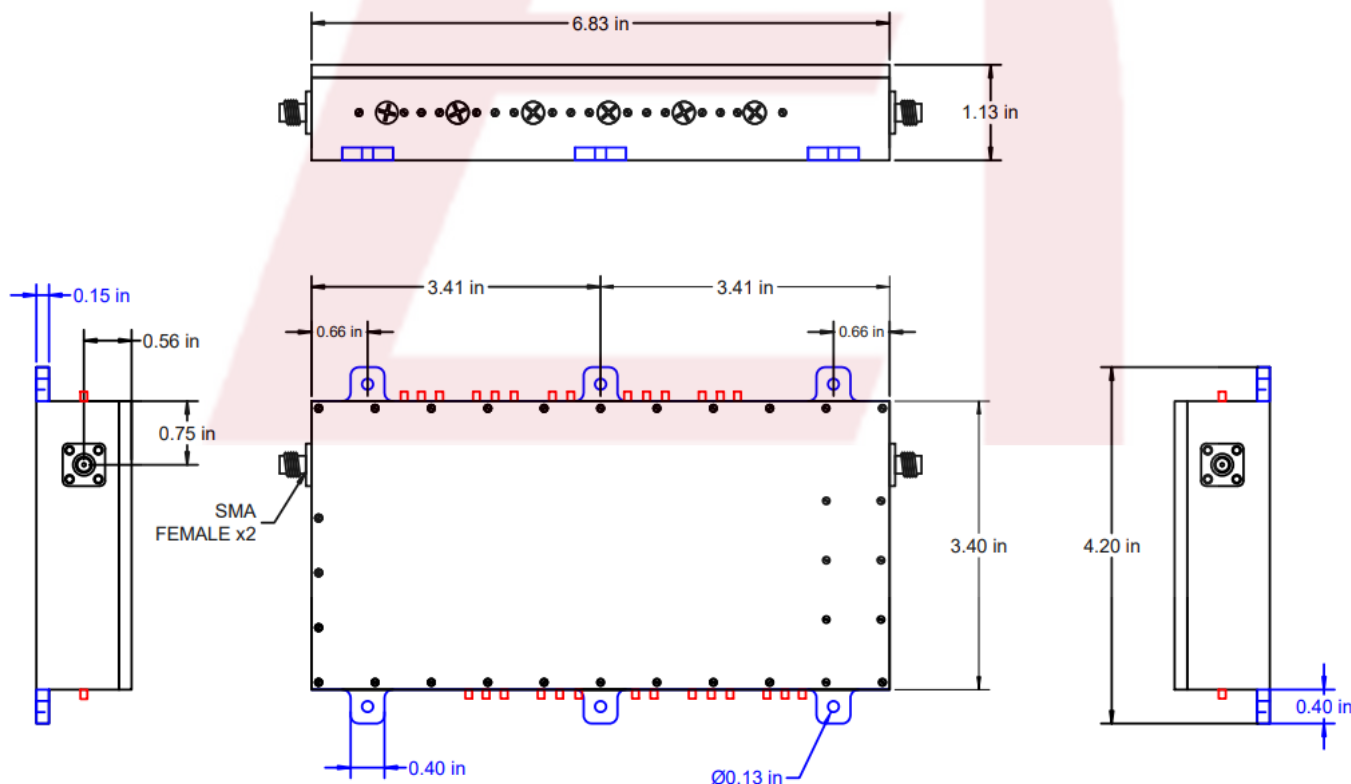
Mechanical

Mounting: Tabs with top mounting screws
Connector Type: SMA (F)
Dimensions: 6.83 x 3.4 x 1.13 in

Environmental

Operating Temperature: -20°C to +70°C
Storage Temperature: -55°C to +95°C
Shock: 20G. 11ms half sine wave, 3 axis
Vibration: 20 G. 5 to 2000 MHz

Outline Drawing:



DS-B12344-09162025-Rev1



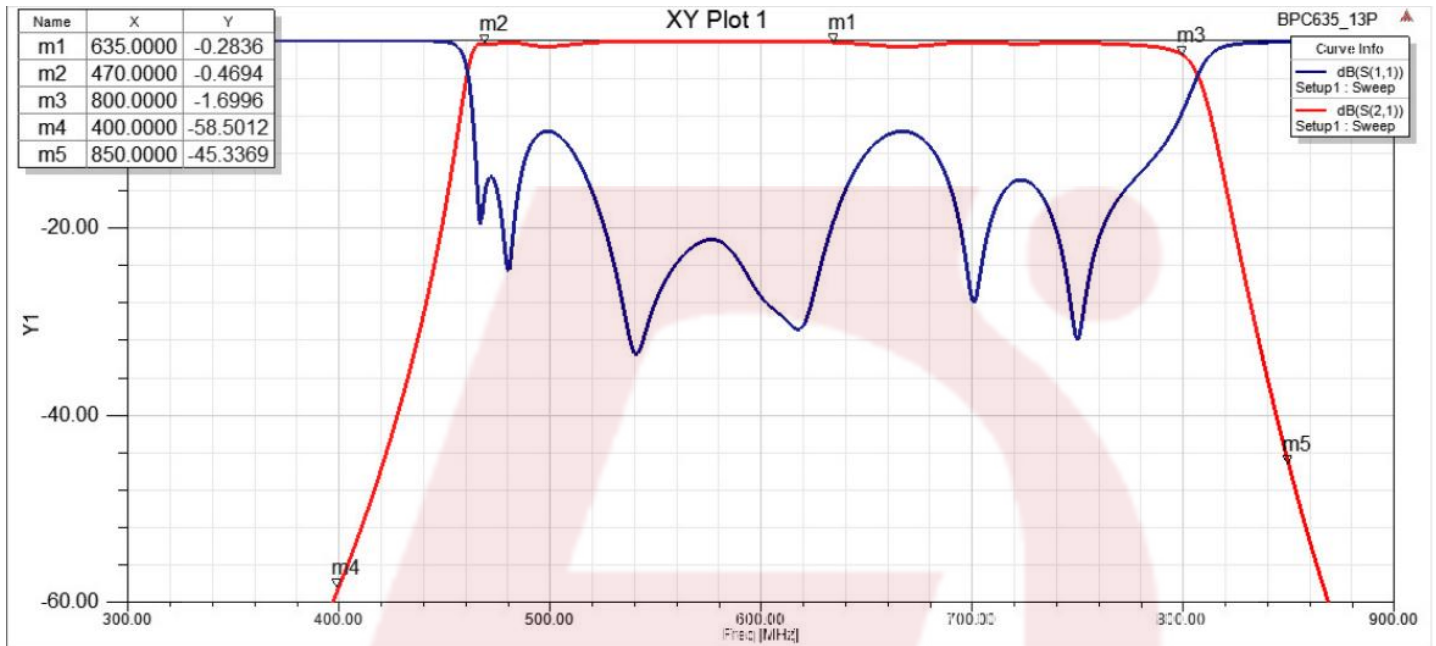
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Simulated Response Plot:



Note: This is a simulation plot. Actual results may differ once the product is implemented.

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