ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2490 MHz E Band Cavity Band Pass Filter

Part Number: AB2490B725

ISO 9001 REGISTERED FIRM

Electrical specifications

Center Frequency: 2490.5 MHz
3dB Bandwidth: 15 MHz (min)
Input / Output Impedance: 50 Ohms
Passband: 2483-2498 MHz
Passband Insertion Loss: 3.0dB(max)
Passband Ripple: <0.2 dB
Passband Return Loss: 15dB(min)
Rejection: @ 2474 MHz: 20 dBc
Rejection 2: @ 2505 MHz: 20 dBc
Power Handling: 50 W

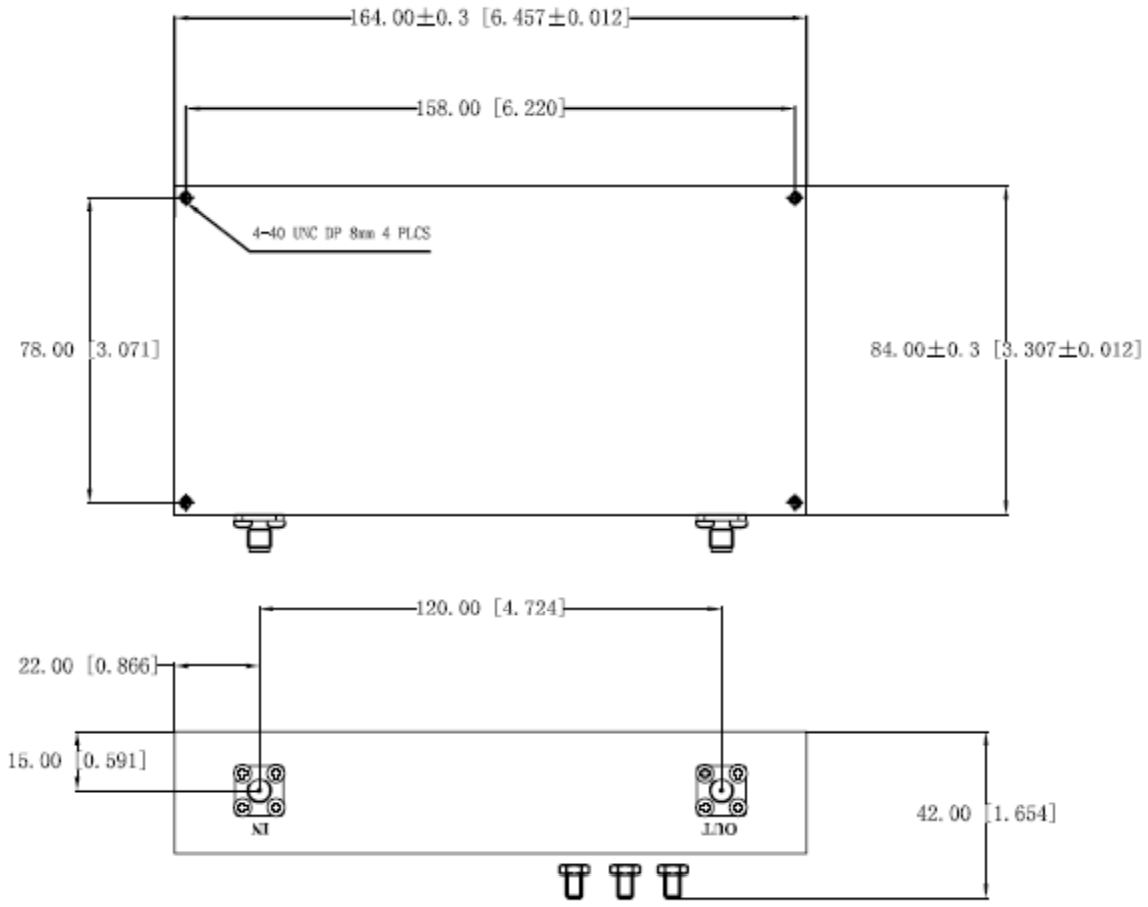
Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: SMA (F)
Dimensions: 164 x 84 x 42 mm.

Environmental

Operating Temperature: -45 to +85 deg.C
Storage Temperature: -55 to +95 deg.C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 MHz

Outline Drawing:

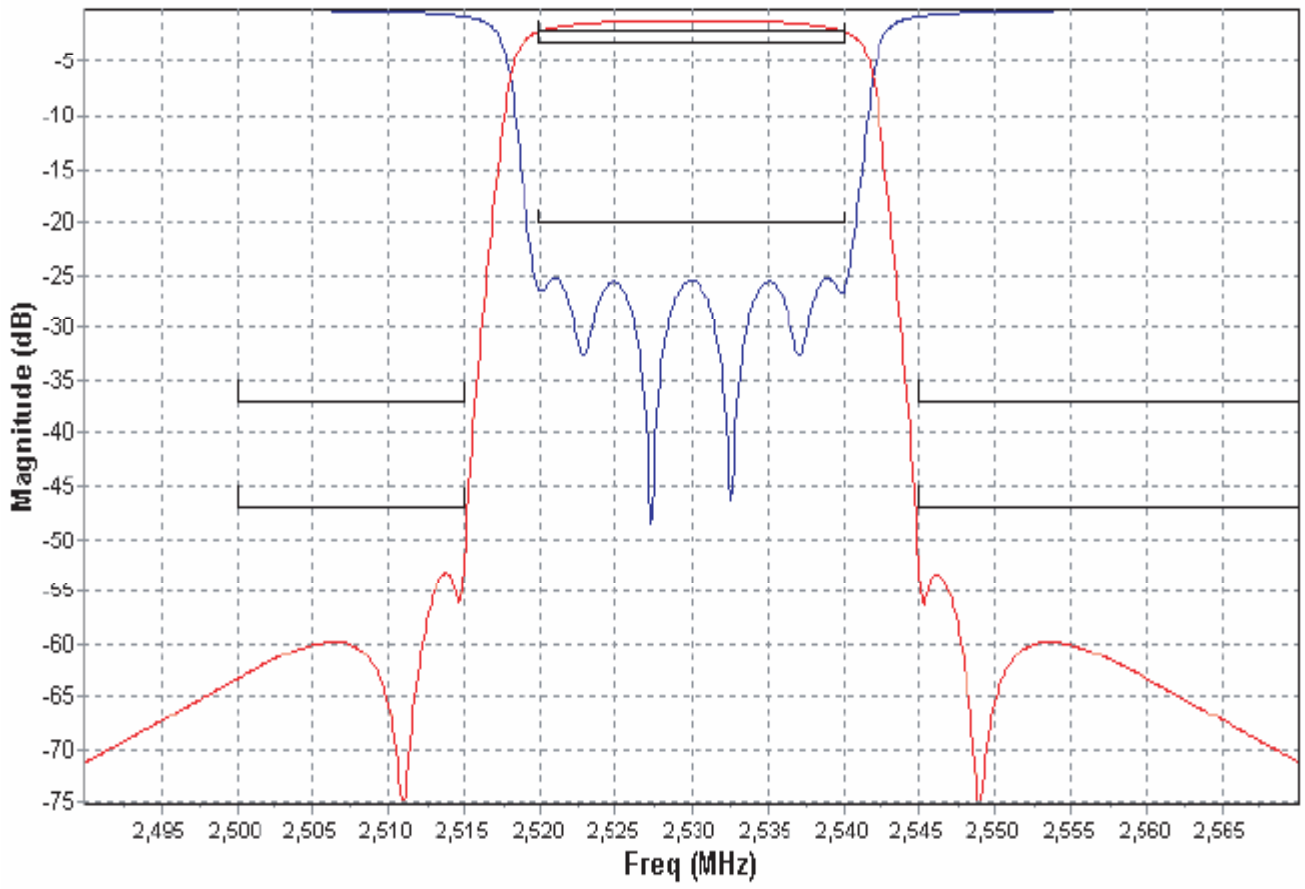


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Response Plot:



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