



1800 MHz Cavity Bandpass Filter

ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AB1800B492-S



Electrical specifications

Operating bandwidth: 1750-1850 MHz
Passband Insertion loss: 0.25 dB max
Passband VSWR: 1.25:1 max
Rejection Frequency 1: 30 dB@2200-3500 MHz
Rejection Frequency 2: 70 dB@3500-3700 MHz
Rejection Frequency 3: 20 dB@5250-5550 MHz
Power Handling: 750 Watts CW Max

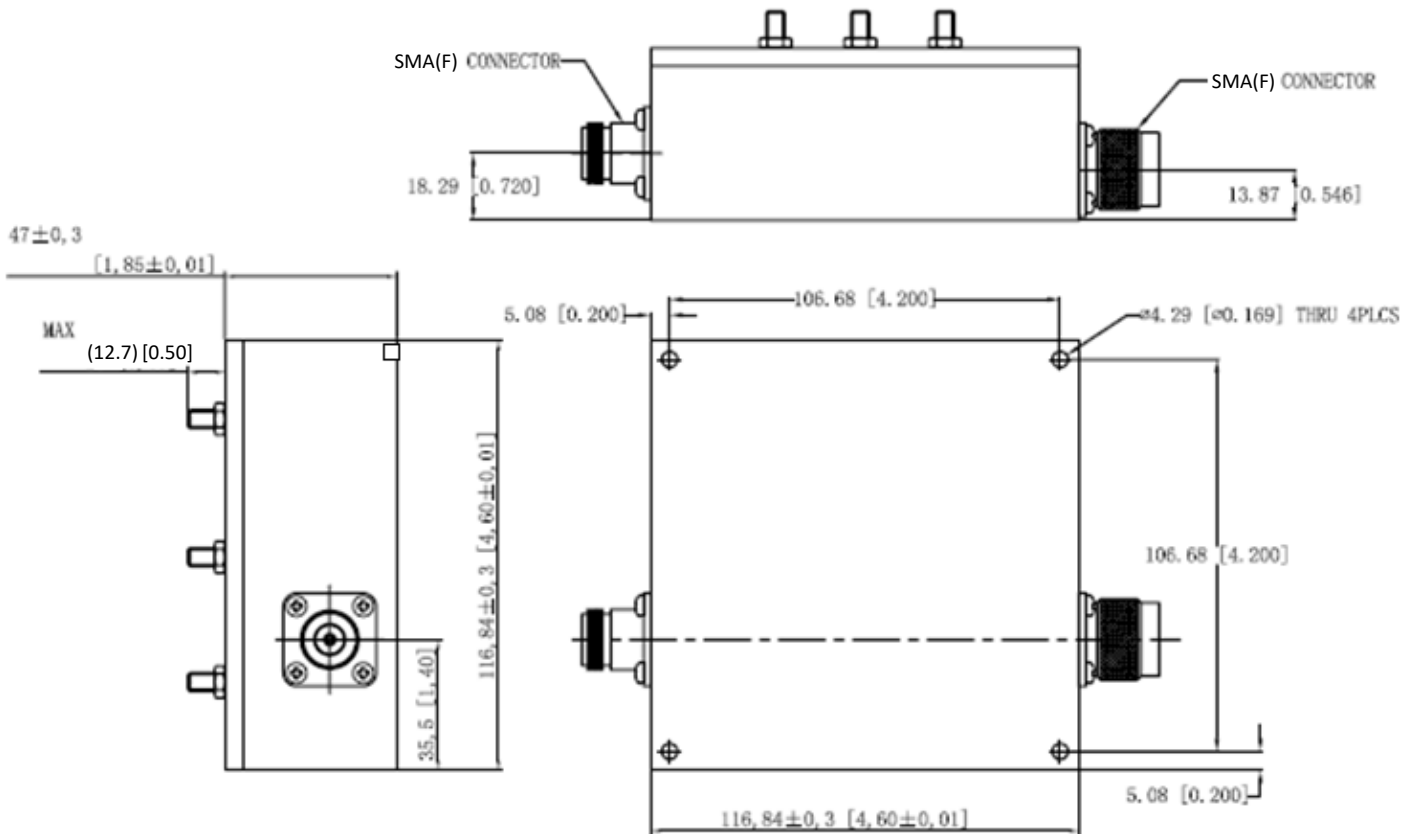
Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: SMA(F)
Dimensions: 4.60" X 4.60" X 1.85"

Environmental

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

Outline Drawing:



Tolerance: +/-0.01 inches [+/-0.3mm]

Angles: +/-1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.



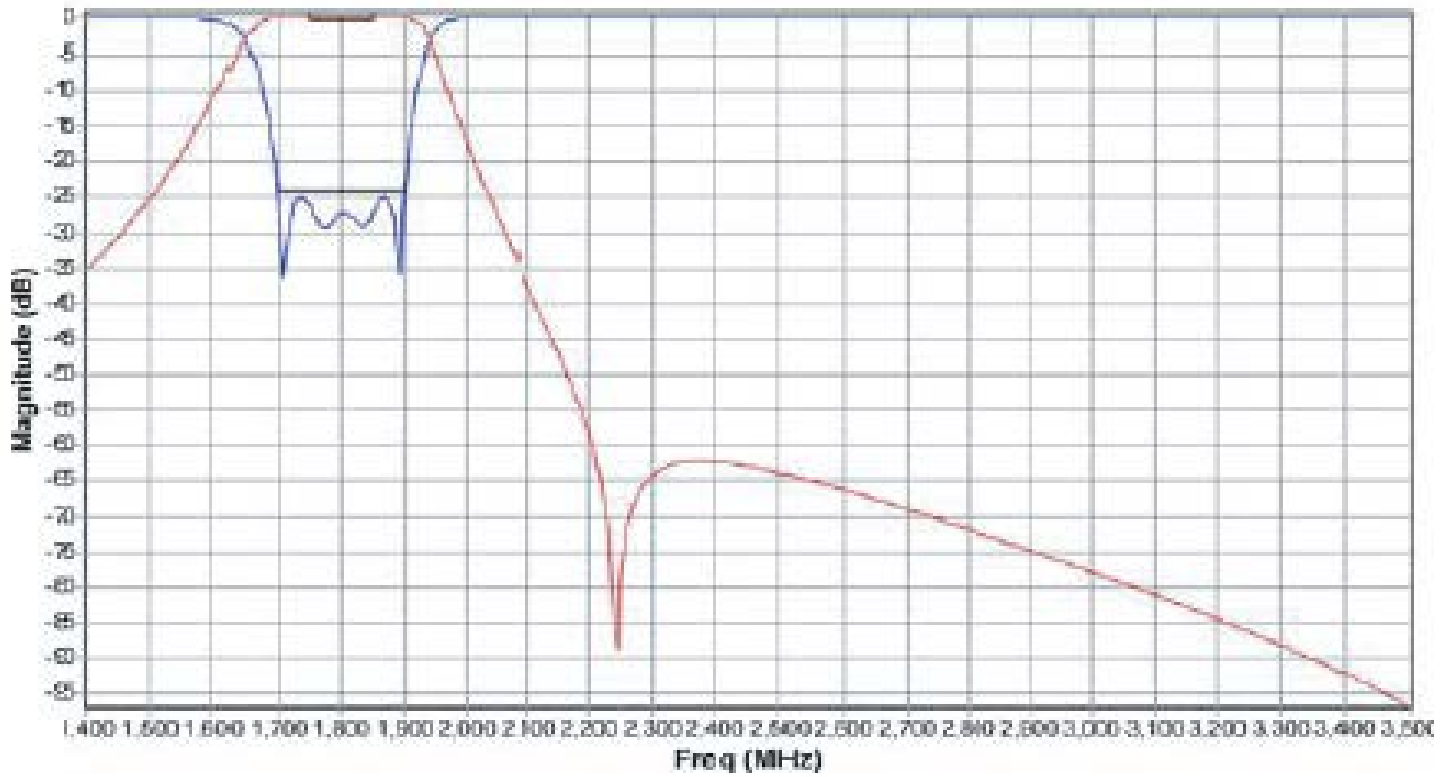
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Simulation Plot:



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

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