



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5825 MHz Cavity Bandpass Filter

Part Number: AB5825B747



Electrical specifications

Center Frequency: 5825 MHz

Bandwidth: 20 MHz

Input / Output Impedance: 50 Ohms

Passband: 5815-5835 MHz

Passband Insertion Loss: 2.0 dB @ 5815-5835 MHz

IL Variation: 6.5 dB

Passband Ripple: <0.2 dB

Passband Return Loss: >14 dB

Rejection: DC-(CF-20)MHz, 60 dBc

Rejection 2: (CF+20)MHz -6200 MHz, 60 dBc

Power Handling: 50 W

Group Delay Variation: 200 ns over any 0.5 MHz

Mechanical

Mounting Method: Threaded Mounting Holes

Connector Type: N-Type (F)

Dimensions: 6.93" x 3.86" x 1.26" max
(176mm x 98mm x 32mm)

Environmental

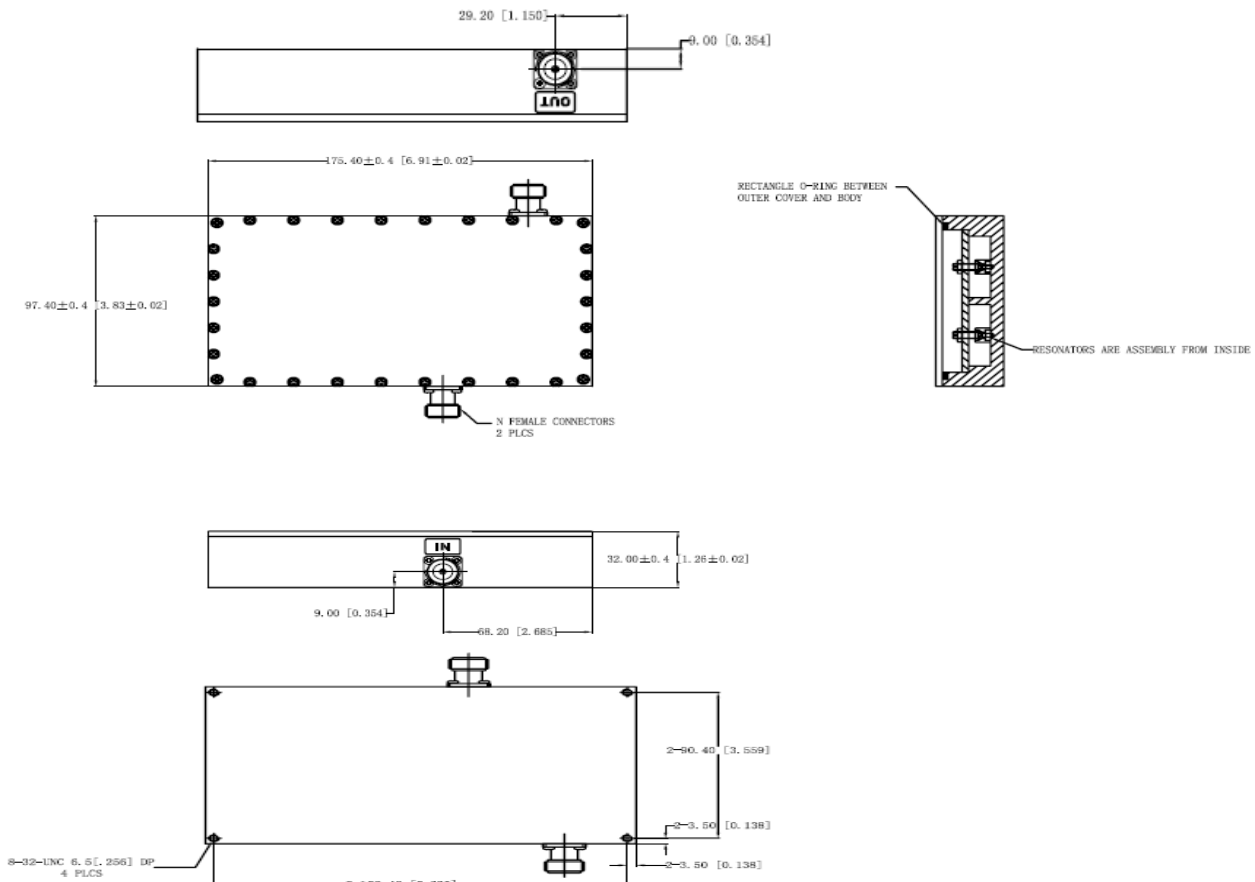
Operating Temperature: -30 to +60 deg.C

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:

