



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5765 MHz Cavity Bandpass Filter

Part Number: AB5765B744



Electrical specifications

Center Frequency: 5765 MHz

Bandwidth: 20 MHz

Input / Output Impedance: 50 Ohms

Passband: 5755-5775 MHz

Passband Insertion Loss: 2.0 dB @ 5755-5775 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: 200ns over any 0.5MHz

Mechanical

Mounting Method: Threaded Mounting Holes

Connector Type: N-Type Female

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

Environmental

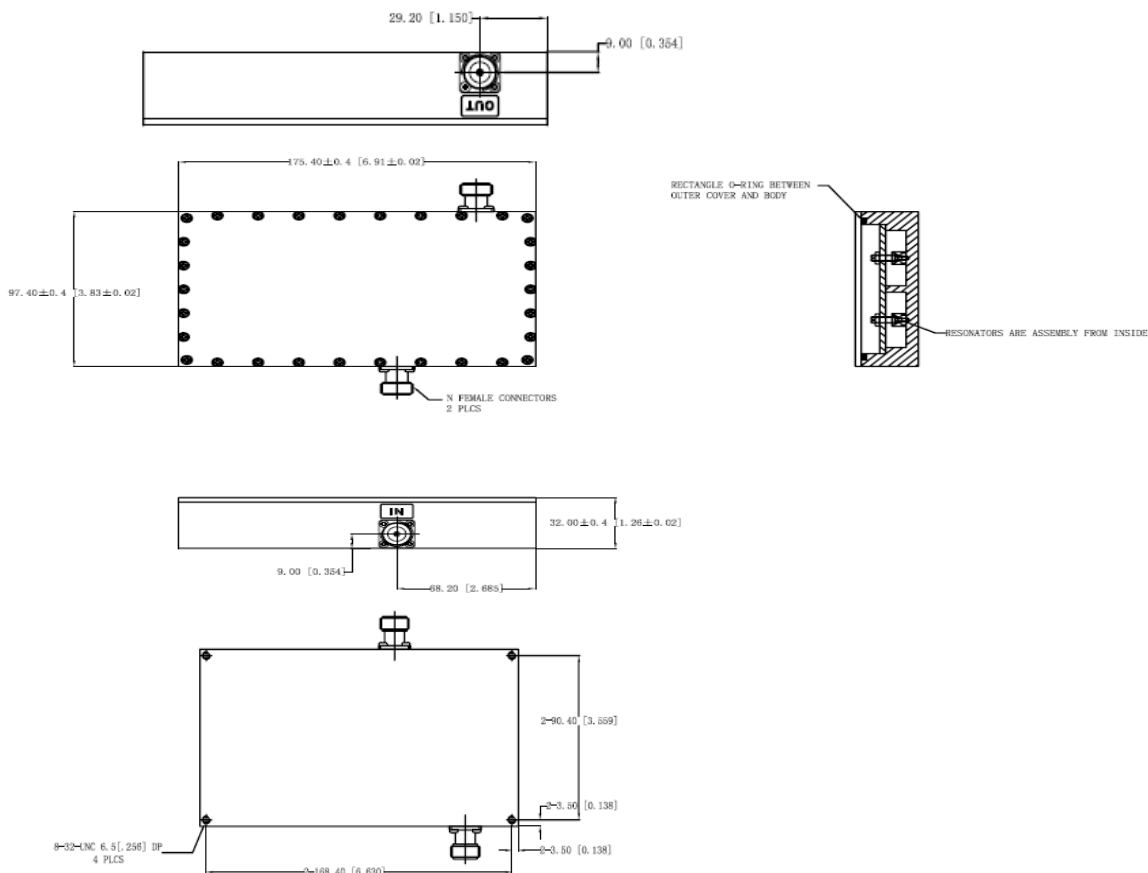
Operating Temperature: -30 to +60 deg.C

Storage Temperature: -55 to +95 deg.C

Shock: 20 G. 11ms

Vibration: 20 G. 5 to 200 MHz

Outline Drawing:





ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5765 MHz Cavity Bandpass Filter

Part Number: AB5765B744



Response Plot:

