



5745 MHz Cavity Bandpass Filter

Part Number: AB5745B743



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Electrical specifications

- Center Frequency:** 5745 MHz
- Bandwidth:** 20 MHz
- Input / Output Impedance:** 50 Ohms
- Passband:** 5735-5755 MHz
- Passband Insertion Loss:** 2.0 dB @ 5735-5755 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 0.5 MHz

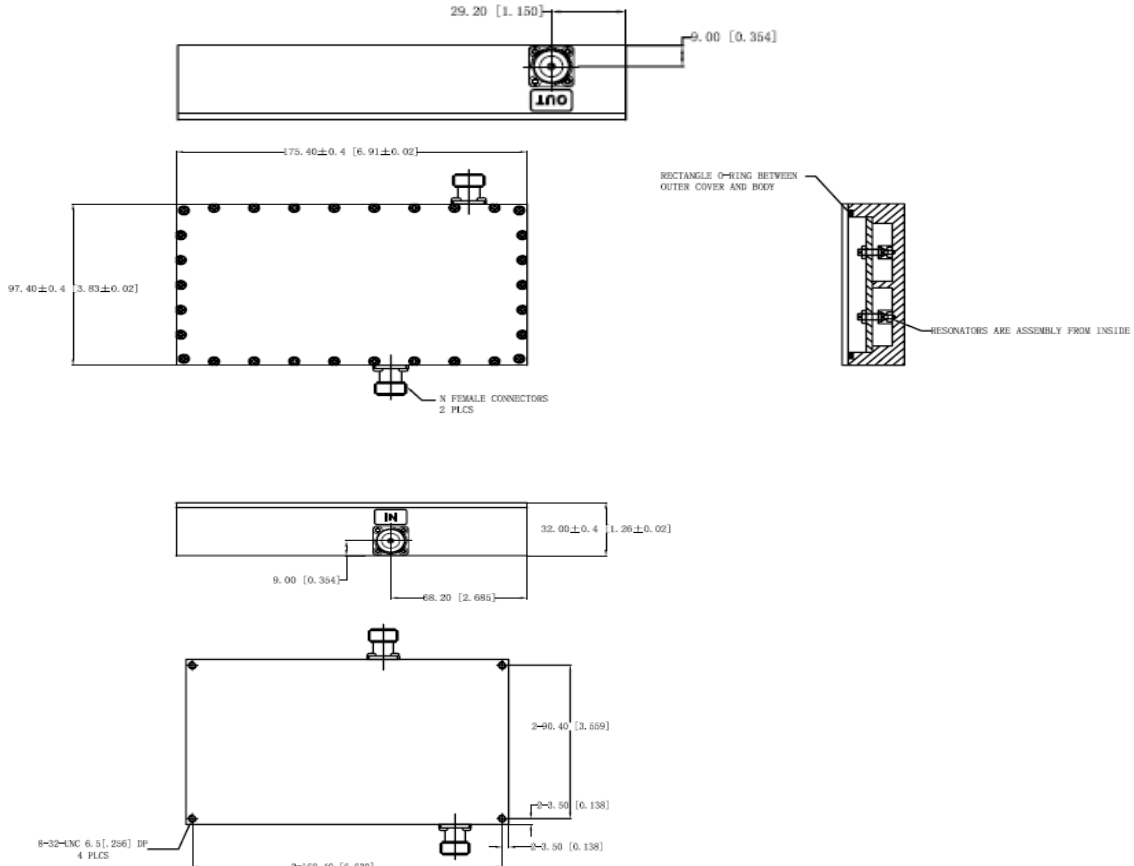
Mechanical

- Mounting Method:** Threaded Mounting Holes
- Connector Type:** N-Type Female
- Dimensions:** 6.93" x 3.86" x 1.26"
(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 Hz

Outline Drawing:





Response Plot:

