



1780 MHz Cavity Bandpass Filter

Part Number: AB1780B715



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Electrical specifications

- Center Frequency:** 1780 MHz
- Operating bandwidth:** 1725-1835 MHz
- Insertion loss:** ≤ 1.0 dB
- Return loss:** ≥ 18 dB
- Rejection:** > 43 dB @ 1865~3000MHz
- Average power handling:** ≤ 40 Watts
- Peak power handling:** ≤ 1.4 KW
- IMD3@1170 MHz:** 100dBm @ 2 x 43 dBm
- IMD5@1675 MHz:** 110dBm @ 2 x 43 dBm
- Impedance:** 50 Ohms In/Out

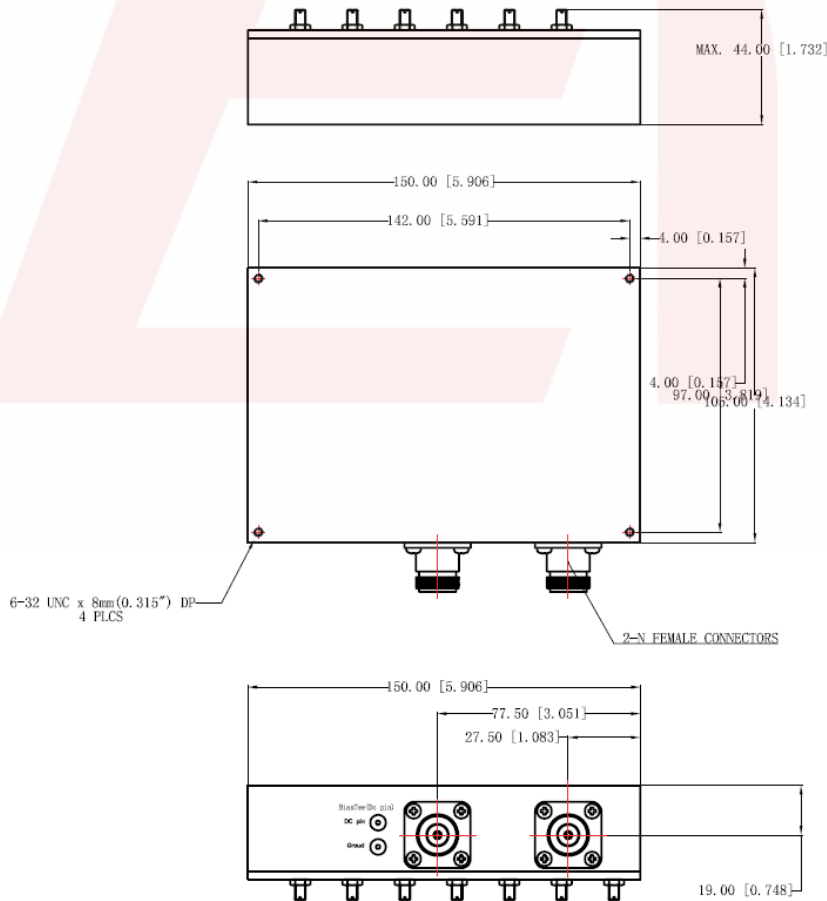
Mechanical

- Mounting Method:** Threaded Mounting Holes
- Connector Type:** N-Type Female
- Dimensions:** 5.90" x 4.13" x 1.73" in

Environmental

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

Outline Drawing:



DS-B715-03152018-Rev0



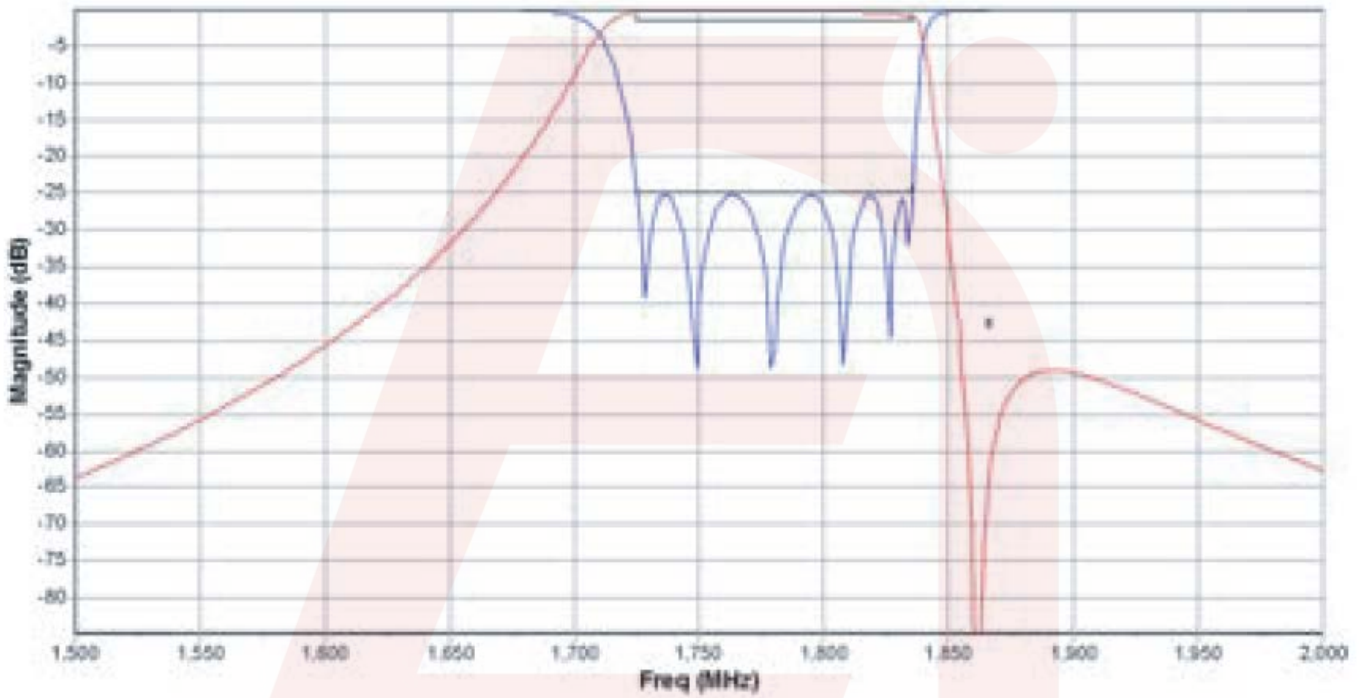
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Plot:



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