



1625-1750 MHz Cavity Bandpass Filter



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AB1687B465

Electrical specifications

Frequency Range : 1625-1750 MHz
Insertion loss: 1.0 dB max
Passband ripple: 0.1 dB max
Upper stop band rejection 1: 25 dB min @1900-2050 MHz
Upper stop band rejection 2: 30 dB min @2200-2400 MHz
Ultimate rejection 1: 60 dB min @3000-6000 MHz
Ultimate rejection 2: 60 dB @ DC-1300 MHz
GPS Band rejection : 50 dB min @1575+/- 2 MHz
Group delay variation: +/- 1 nsec max over any 5 MHz band with passband
Impedance: 50 ohm
Return Loss: 15 dB Loss
Average power: 20 Watts

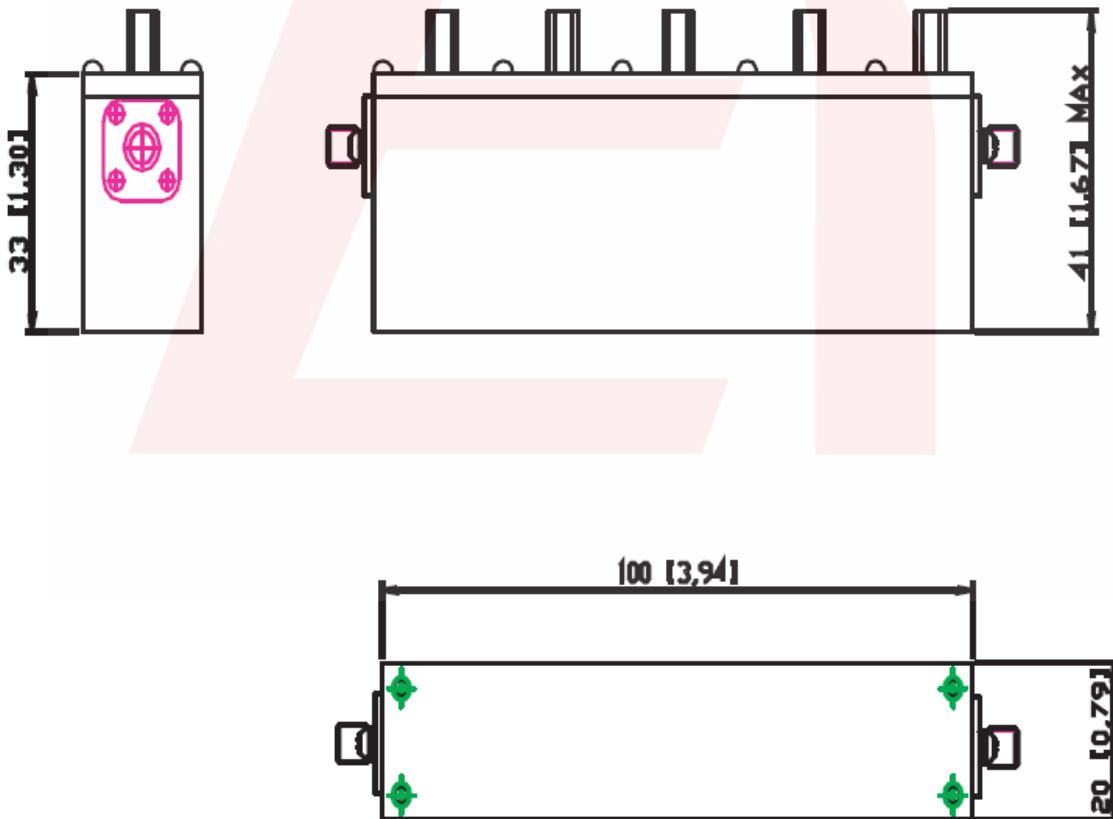
Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: N-Type Female
Dimensions: 3.94" X 0.79" X 1.67" 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:



All things above are subject to change except for the physical dimensions

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Plot:

