



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

3150 MHz Cavity Band Pass Filter

Part Number: AE3150B11709



Electrical Specifications

Center Frequency: 3150 MHz
Bandwidth: 100 MHz
Passband Frequency (PB): 3100 - 3200 MHz
PB Insertion Loss : 0.7 dB Max
VSWR : 1.3:1 Max
Rejection 1: 20 dB Min. @ DC - 2900 MHz
Rejection 2: 20 dB Min. @ 3400 - 10000 MHz
Power Handling: 5 W
Input / output Impedance: 50 Ohms

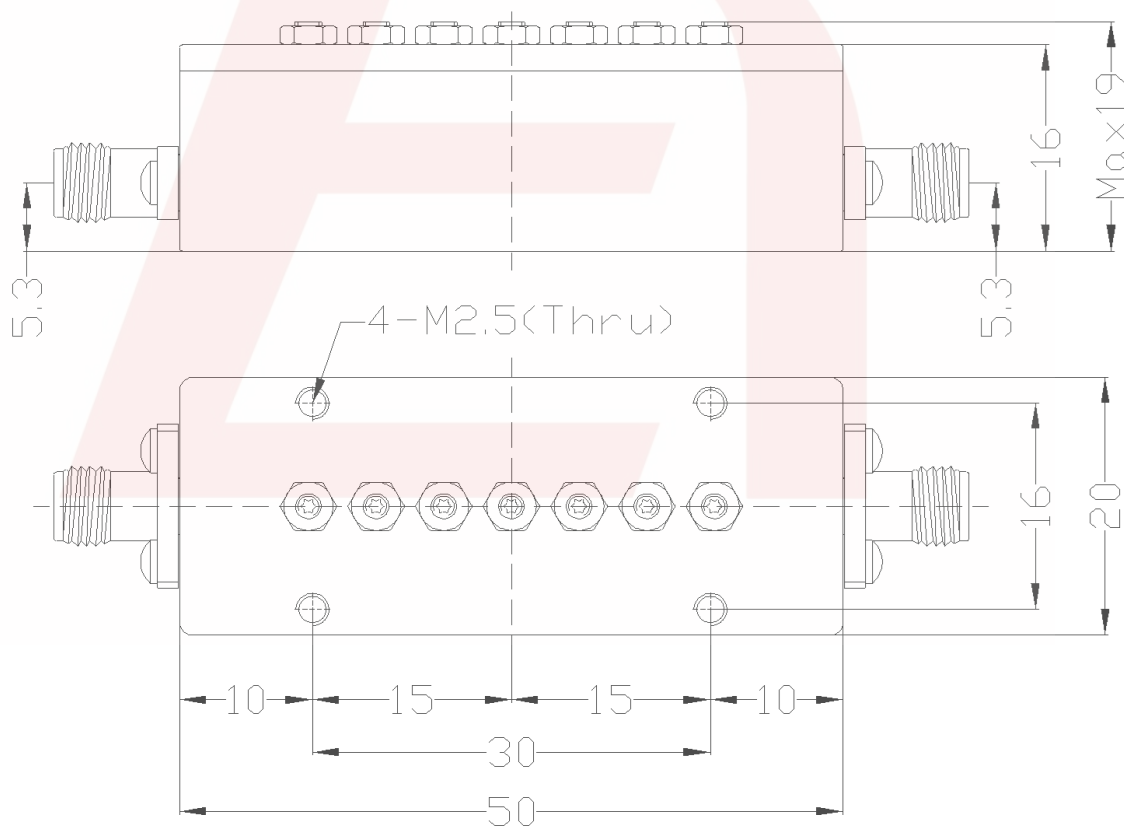
Mechanical

Mounting Method: M2.5 Thru Hole
Connector Type: SMA (F)
Dimensions: 50 x 20 x 16 mm

Environmental

Operating Temperature: -40°C to +80°C
Storage Temperature: -55°C to +95 °C
Shock: 20G, 11ms
Vibration: 20G 0.5 to 200 Hz

Outline Drawing:



Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

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*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.