ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2950 MHz Cavity Band Pass Filter

Part Number: AE2950B11707

ISO 9001 CERTIFIED

Electrical Specifications

Center Frequency: 2950 MHz
Bandwidth: 100 MHz
Passband Frequency (PB): 2900 - 3000 MHz
PB Insertion Loss : 0.7 dB Max
VSWR : 1.3:1 Max
Rejection 1: 20 dB Min.@ DC - 2700 MHz
Rejection 2: 20 dB Min. @ 3200 - 10000 MHz
Power Handling: 5 W
Input / output Impedance: 50 Ohms

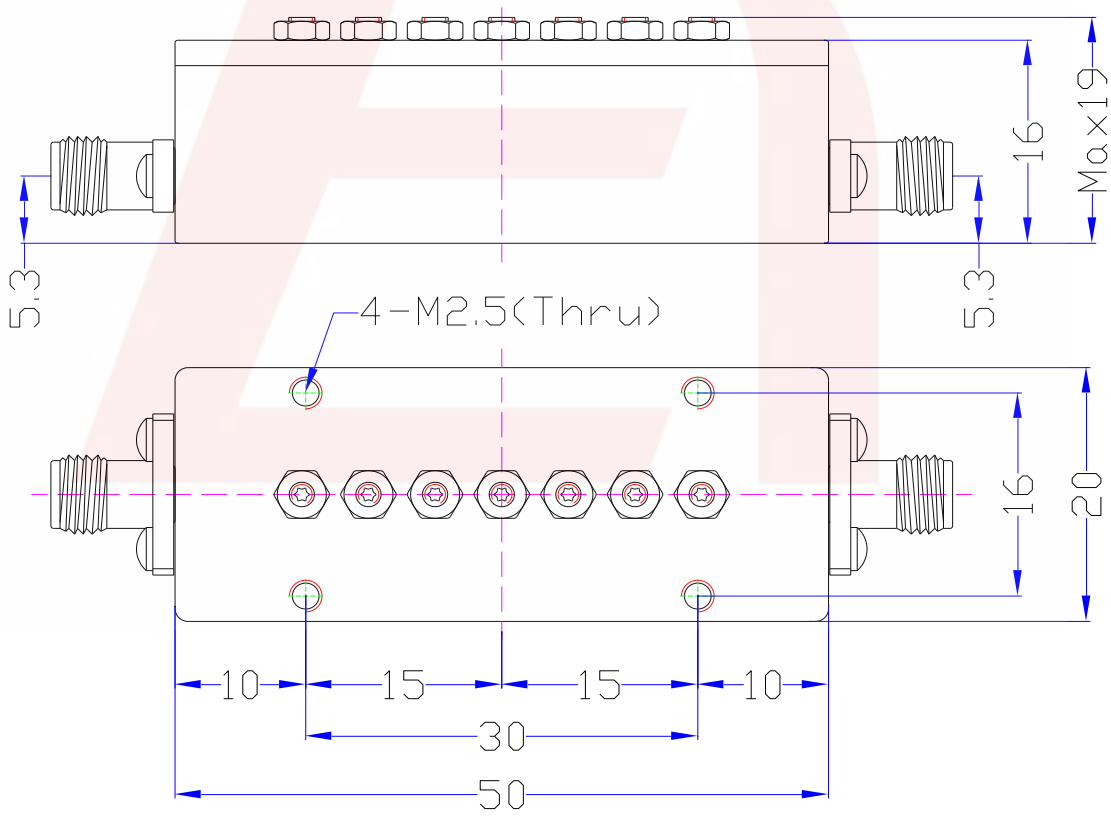
Mechanical

Mounting Method: Thru Hole For M2.5 Screw
Connector Type: SMA Female
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:



DS-B11707-08122022-Rev1

Tolerance: +/-0.01 inches [+/- 0.3mm]
Angles: +/- 1 Deg.
Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.
When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

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