



**THE DATASHEET OF
AE6850B11720**





ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

6850 MHz Cavity Band Pass Filter

Part Number: AE6850B11720



Electrical Specifications

Center Frequency: 6850 MHz
Bandwidth: 20 MHz
Passband: 6840-6860 MHz
Insertion Loss: 2.0 dB Max.
Return Loss: 18.0 dB Min.
Rejection1: 18 dB Min @ 6800 MHz
Rejection2: 18 dB Min @ 6900 MHz
Power Handling: 10 W
Input/output Impedance: 50 Ohms

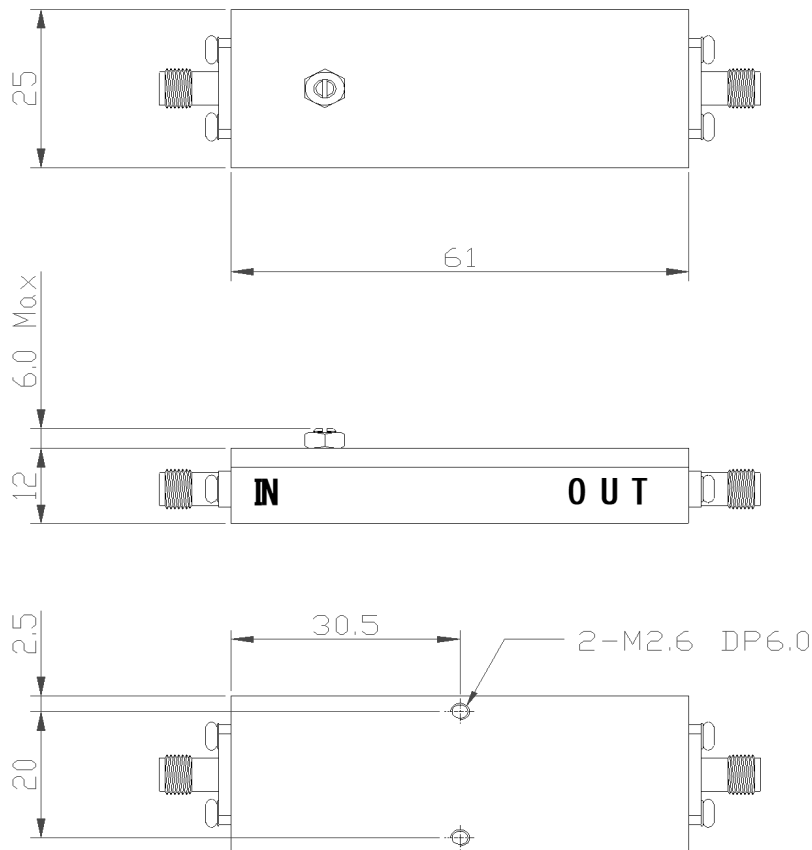
Mechanical

Mounting Method: Threaded Holes
Connector Type: SMA(F)
Dimensions: 61 X 25 x 12 mm.

Environmental

Operating Temperature: -40°C to +60°C
Storage Temperature: -55°C to +75°C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200Hz

Outline Drawing:



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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