



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

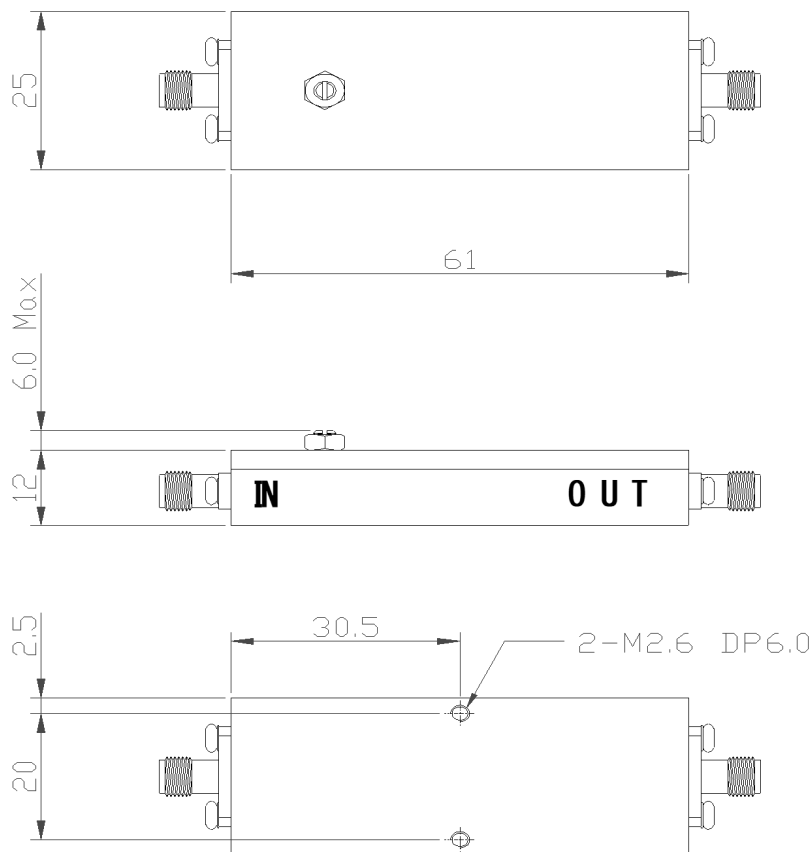
Operating Temperature: -40°C to +60°C

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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