



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

3600 MHz Cavity Band Pass Filter

Part Number: AE3600B11724



Electrical Specifications

Center Frequency: 3600 MHz
Bandwidth: 400 MHz
Passband: 3400-3800 MHz
Passband Insertion Loss 0.45dB Typ, 0.6 dB Max.
Passband Return Loss: 17.0 dB Min.
Rejection1: 40 dB Min @ 3350 MHz
Rejection2: 40 dB Min @ 3850 MHz
Power Handling: 50 W CW Max
Input/output Impedance: 50 Ohms

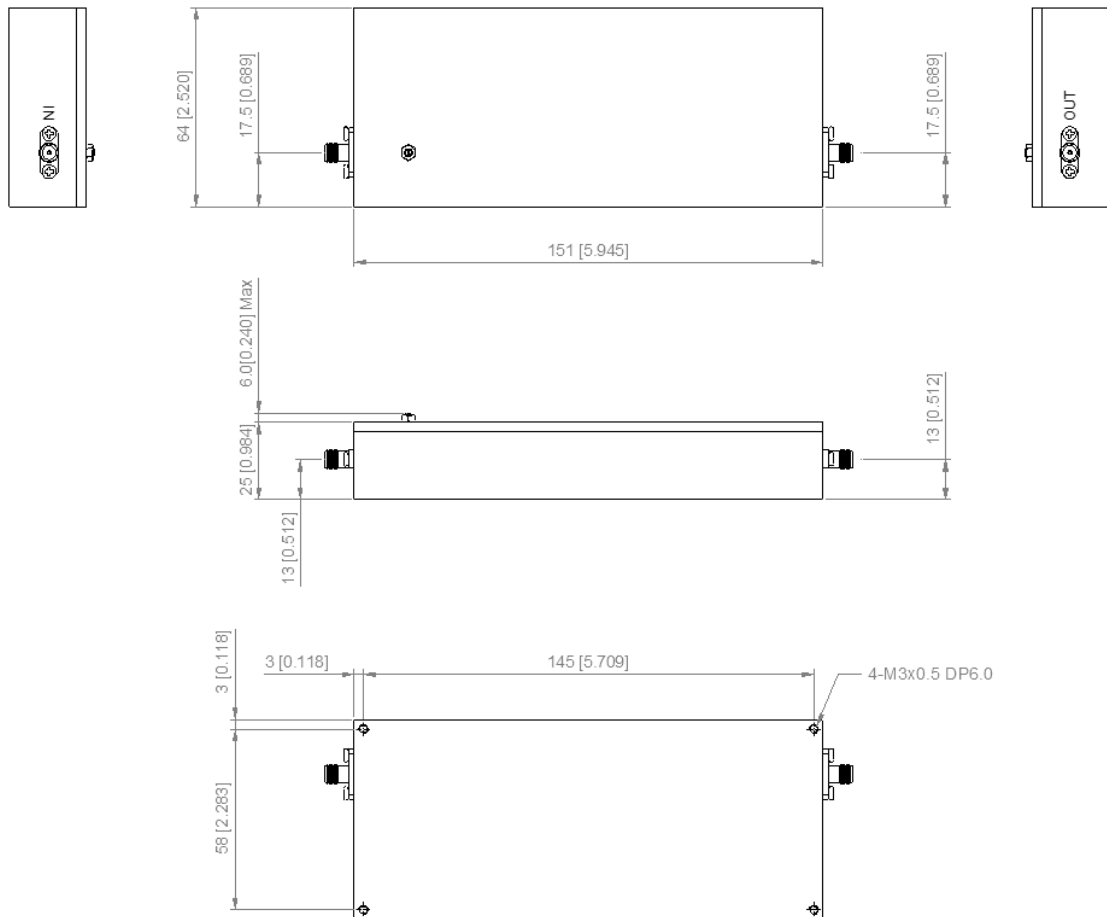
Mechanical

Mounting Method: Threaded Holes
Connector Type: SMA(F)
Dimensions: 151 X 64 x 25 mm.
Dimensions: 5.945 X 2.52 x 0.984 in.

Environmental

Operating Temperature: -10°C to +60°C
Storage Temperature: -45°C to +85°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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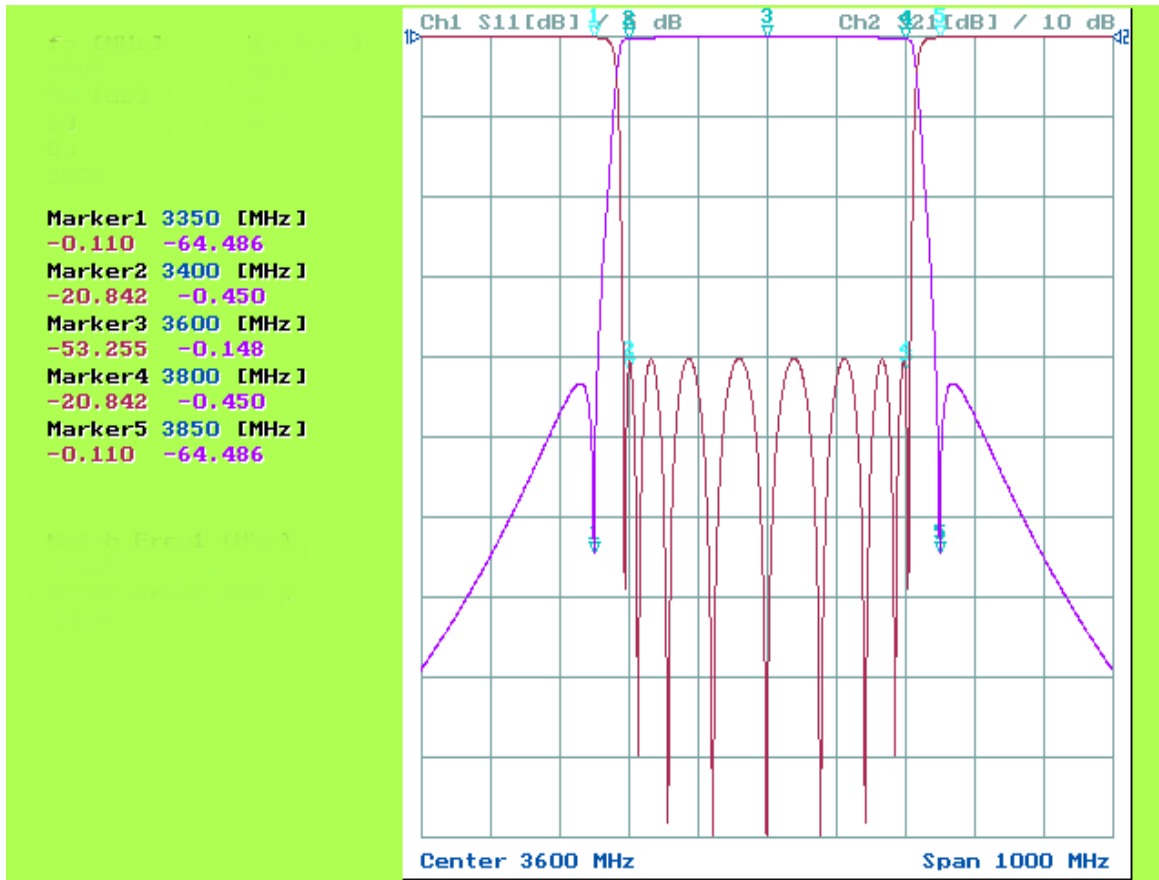
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Simulation Plot:



Note: This is a simulated response plot. Actual performance might differ.