



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1975 MHz Cavity Band Pass Filter

Part Number: AE1975B11725



Electrical Specifications

Center Frequency: 1975 MHz
Bandwidth: 750 MHz
Passband: 1600-2350 MHz
Passband Insertion Loss: 0.6 dB Typ, 0.7dB Max
Passband Flatness: 0.6dB Max.
Passband Return Loss: 12.0 dB Min.
Rejection1: 40 dB Min @ 1550 MHz
Rejection2: 40 dB Min @ 2400 MHz
Power Handling: 50 W CW Max
Input/output Impedance: 50 Ohms

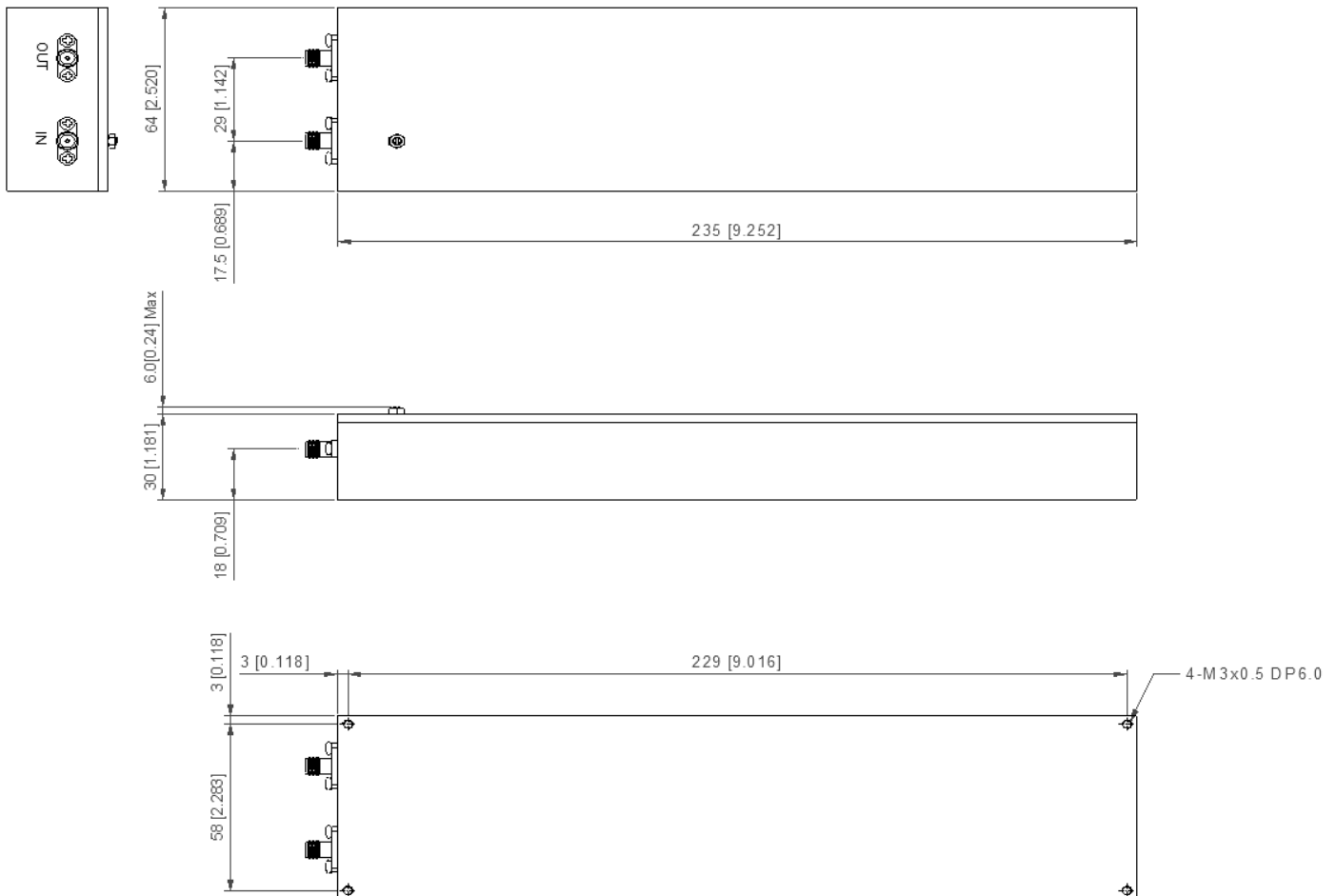
Mechanical

Mounting Method: Threaded Holes
Connector Type: SMA(F)
Dimensions: 235 X 64 x 30 mm.
Dimensions: 9.252 X 2.52 x 1.181 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.

70 Outwater Lane Phone: (973) 772-4242
Garfield, NJ 07026 Fax : (973) 321-3941

Email: sales@anatechelectronics.com
Web: www.anatechelectronics.com



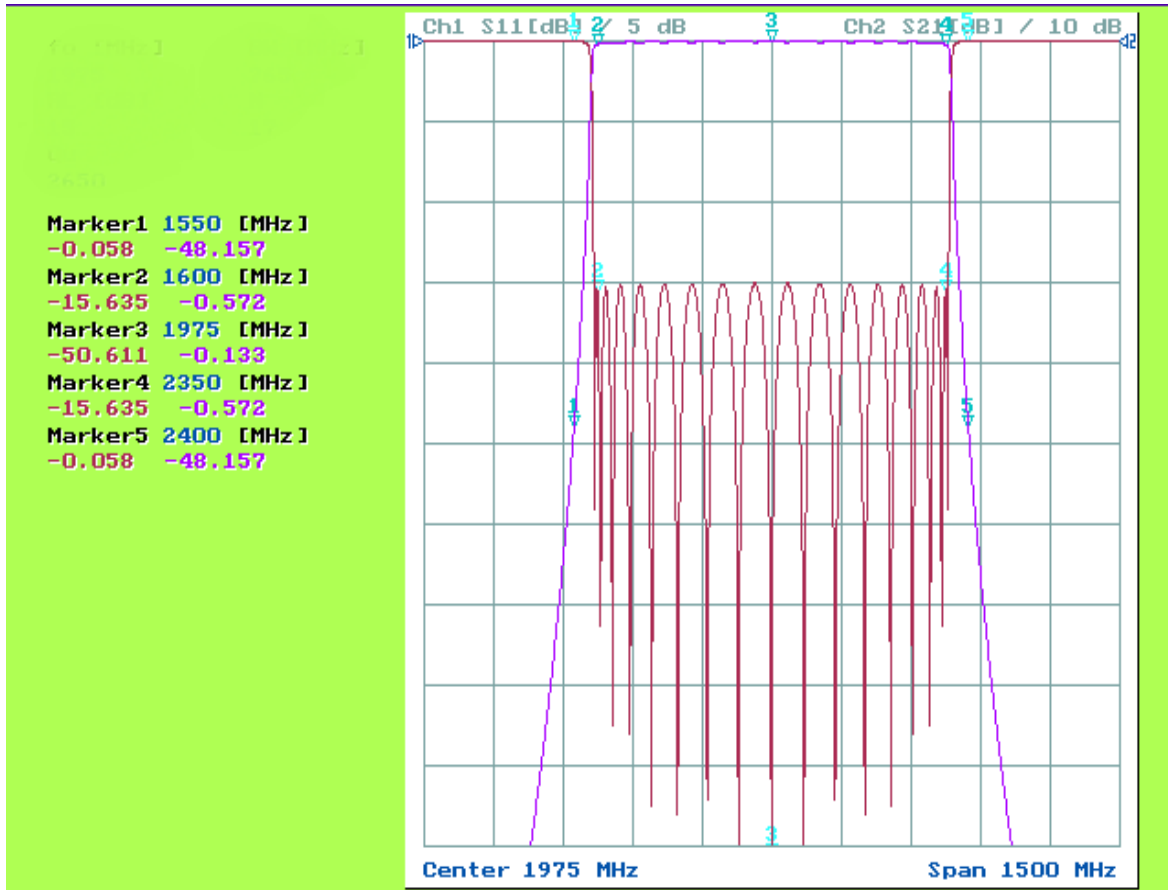
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Simulation Plot:



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

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