ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

DC-698 MHz / 738-2500 MHz Cavity Notch Filter

Part Number: AE718N2244

ISO 9001 REGISTERED FIRM

Electrical Specifications

Notch Center Frequency: 718 MHz
Notch Frequency range: 708-728 MHz
Notch Rejection: ≥ 40dB
Passband low side of Notch: DC-698 MHz
Passband High side of Notch: 738-2500 MHz
Insertion loss in Passband: ≤ 0.75 dB
Return Loss in Passband: ≥ 14 dB
Input/output Impedance: 50 Ohms
Power Handling: ≤ 25 Watts

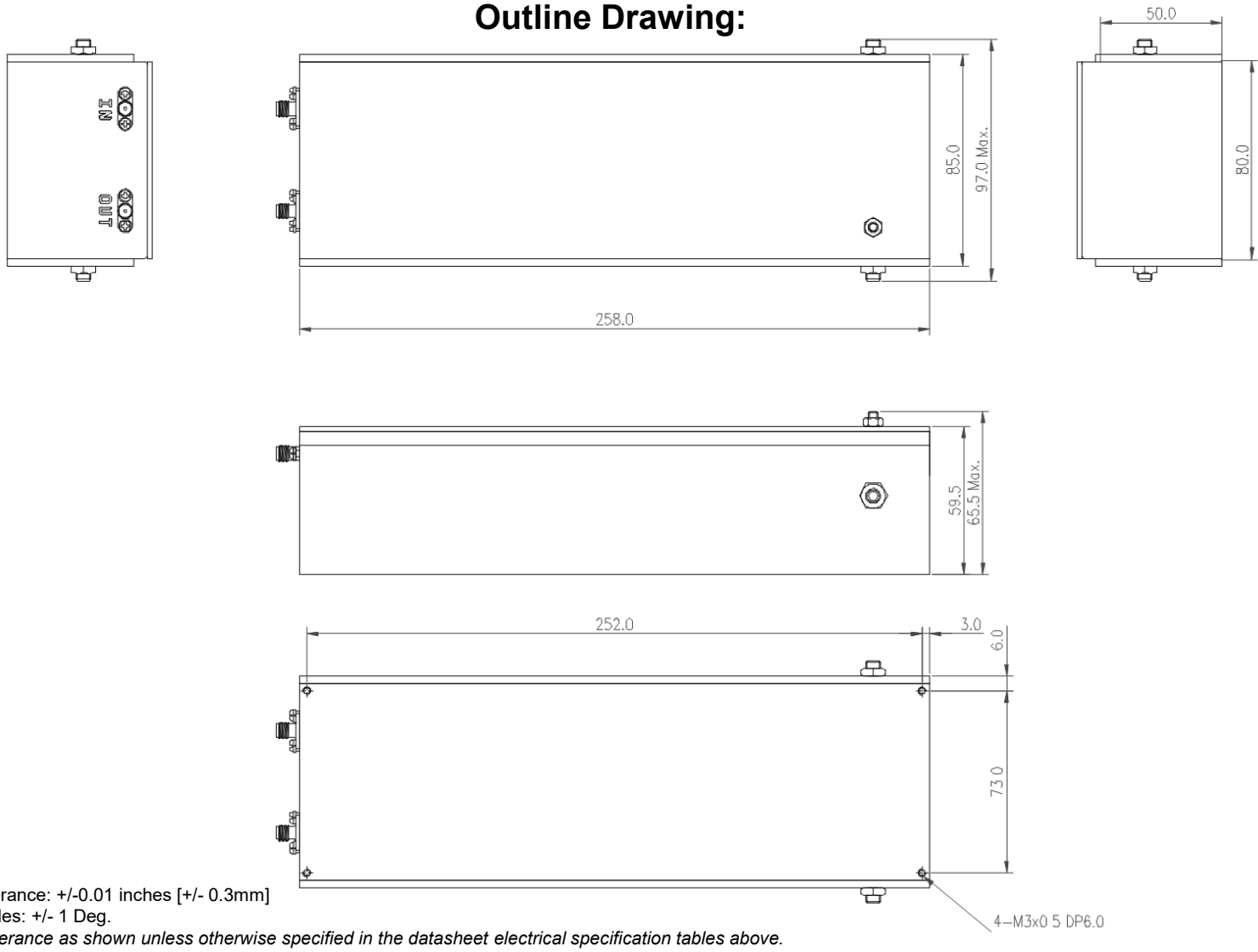
Mechanical

Mounting Method: Threaded Holes
Connector Type: SMA(F)
Dimensions: 258 X 85 X 59.5 mm.
Dimensions: 10.15 X 3.35 X 2.35 in.

Environmental

Operating Temperature: -20°C to +70°C
Storage Temperature: -40°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** **Email: sales@anatechelectronics.com**
Garfield, NJ 07026 **Fax : (973) 321-3941** **Web: www.anatechelectronics.com**

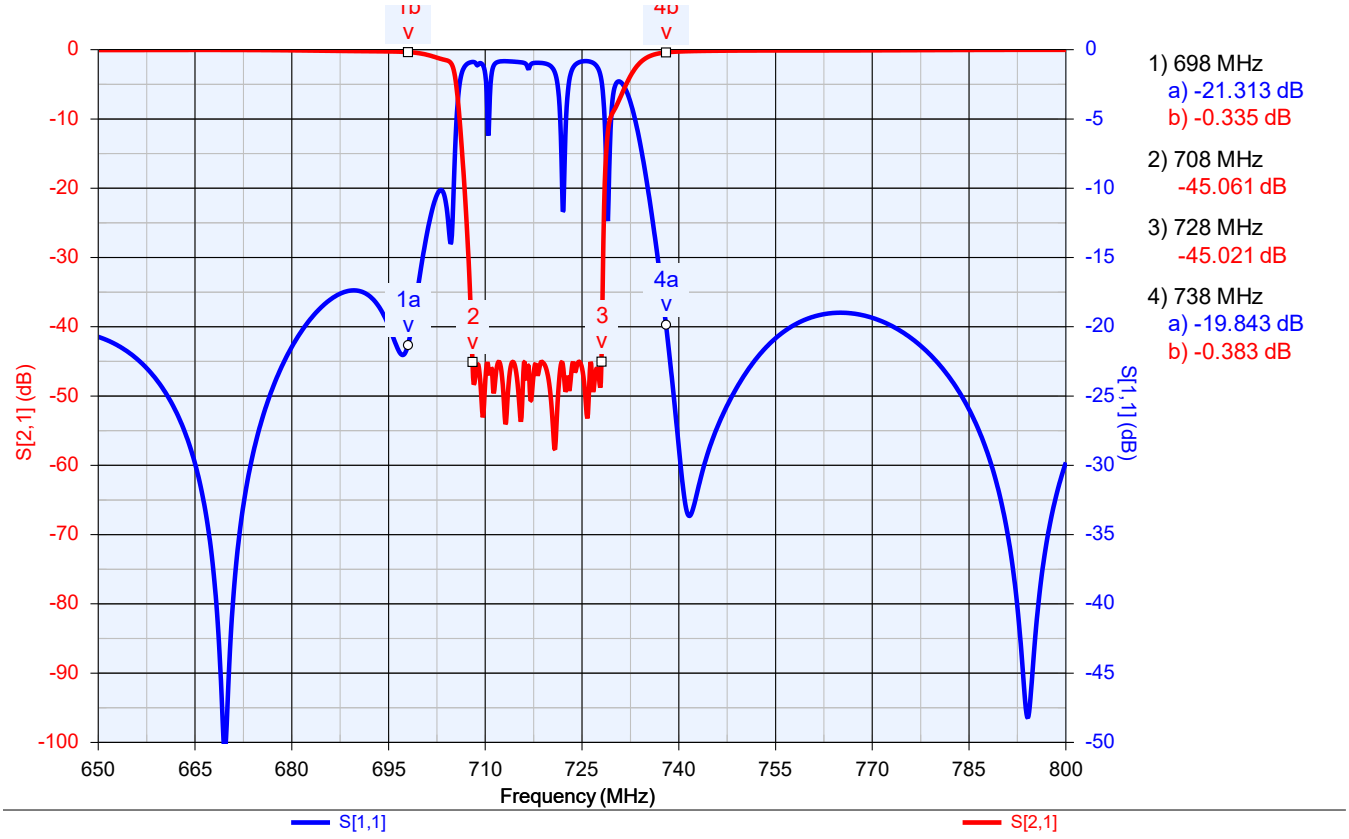
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Simulation Plot:



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

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