ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

11000 MHz Cavity Low Pass Filter

Part Number: AE11000L9168

ISO 9001 REGISTERED FIRM

Electrical Specifications

Pass Band: 3dB Cutoff @ 11000 MHz Min.
Insertion Loss: 1.0 dB Max DC-10000 MHz
Ripple: ±0.2 9400-10000 MHz over any 10 MHz segment.
VSWR (Input & Output): 1.70:1 Max
Stop Band Rejection: 55 dB Min. @ 12700-17500 MHz
Phase: ±1° 9400-10000 MHz over any 10 MHz segment.

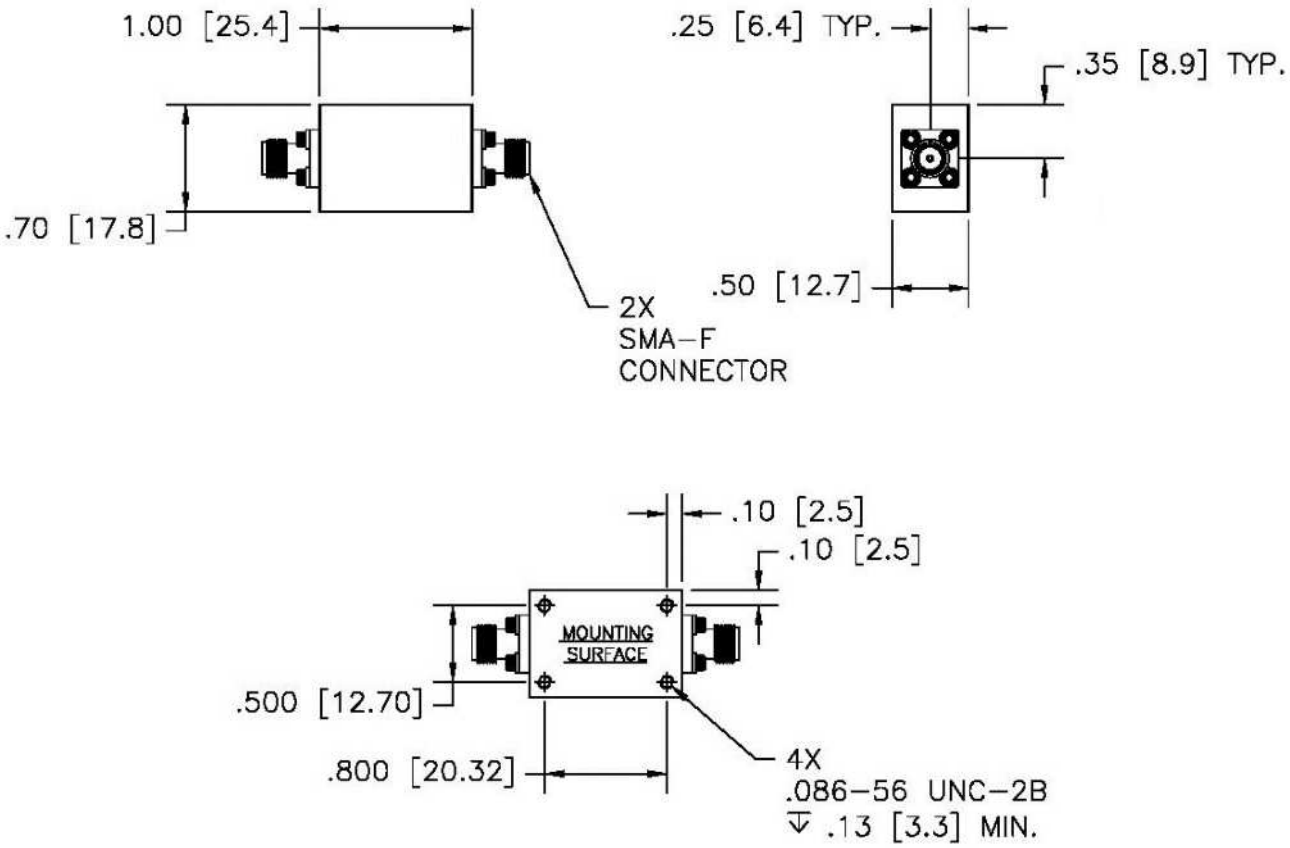
Mechanical

Connector Type: SMA (F)
Dimensions: 1.00 x 0.70 x 0.50 Inches

Environmental

Operating Temperature: -20 to +75° C
Storage Temperature: -45 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**

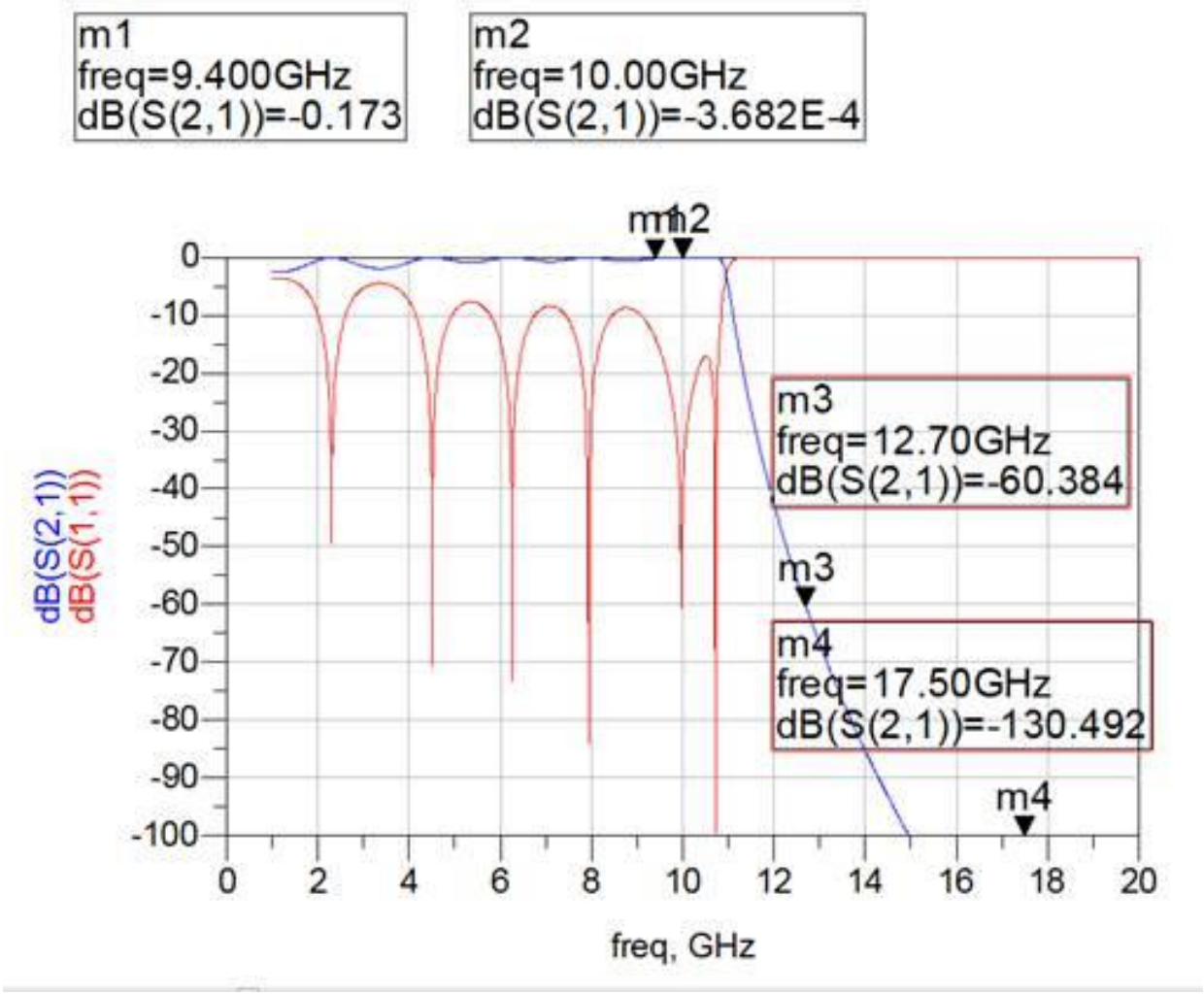
Reference DCR: D061719-02A

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

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Response Plot:



Note: This is a simulation plot. Actual results may defer once the product is implemented.

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