



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5525 MHz Cavity Band Pass Filter

Part Number: AE5525B11929

Preliminary



Electrical Specifications

Center Frequency: 5525 MHz
Passband: 5025-6025 MHz
Insertion Loss in Passband: 2 dB Max.
Passband Return Loss : 15 dB Min.
Rejection1: ≥ 60dB @ 4000 MHz
Rejection2: ≥ 60dB @ 7000 MHz
Power Handling: 10 W

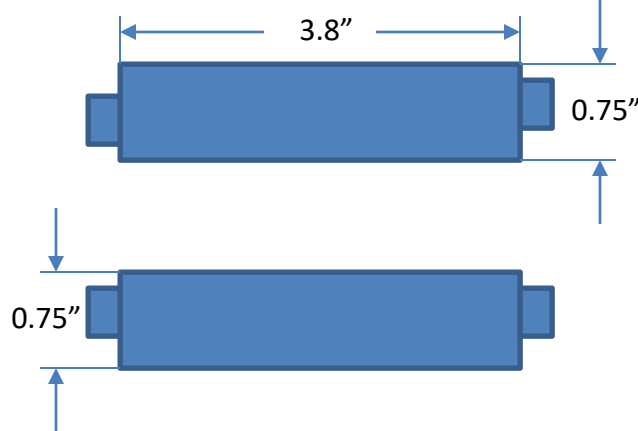
Mechanical

Mounting Method: 2-56 Threaded holes
Connector Type: SMA(F) **Dimensions:**
 3.8" X 0.75" x 0.75"

Environmental

Operating Temperature: -25°C to +70°C
Storage Temperature: -75°C to +90°C
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 200Hz

**Outline Drawing
(formal drawing
will be supplied)**



2 decimal places: +/-0.01 inches [+/- 0.3mm]
 3 decimal places: +/- 0.005 inches [+/- 0.13mm]
 Angles: +/- 1 Deg.

Reference DCR: D052219-01A

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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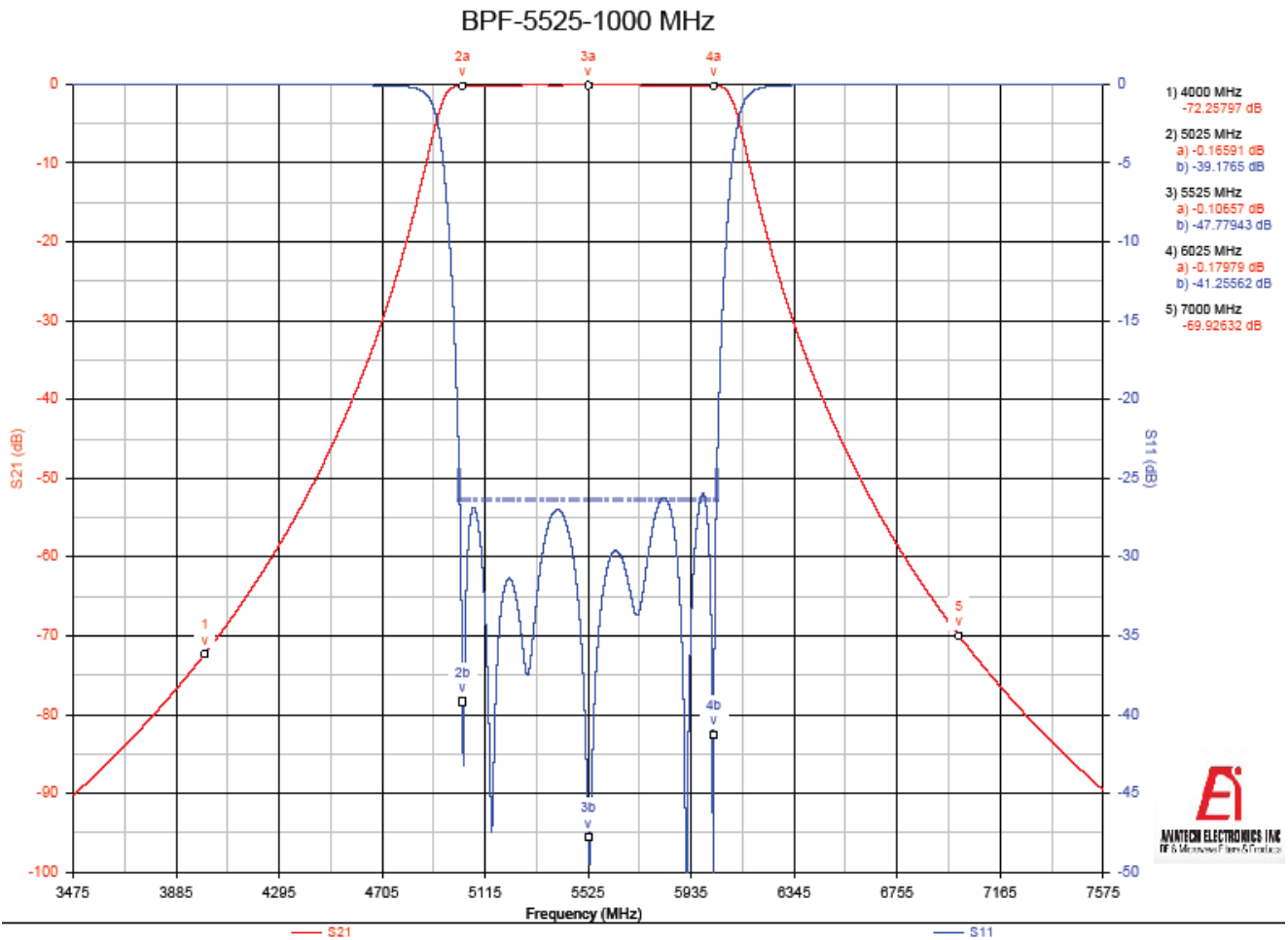
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Simulated response



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