ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

43000 MHz Cavity Band Pass Filter

Part Number: AE43000B11562

ISO 9001 REGISTERED FIRM

Electrical Specifications

Center Frequency: 43 GHz
Passband: 40-46 GHz
Passband Insertion Loss: ≤ 1.7dB
Passband VSWR: ≤ 1.7:1
Rejection1: ≥45dB @ 34.5 GHz
Rejection2: ≥45dB @ 50 GHz
Impedance: 50 Ohms
Power: 5 Watts Max.

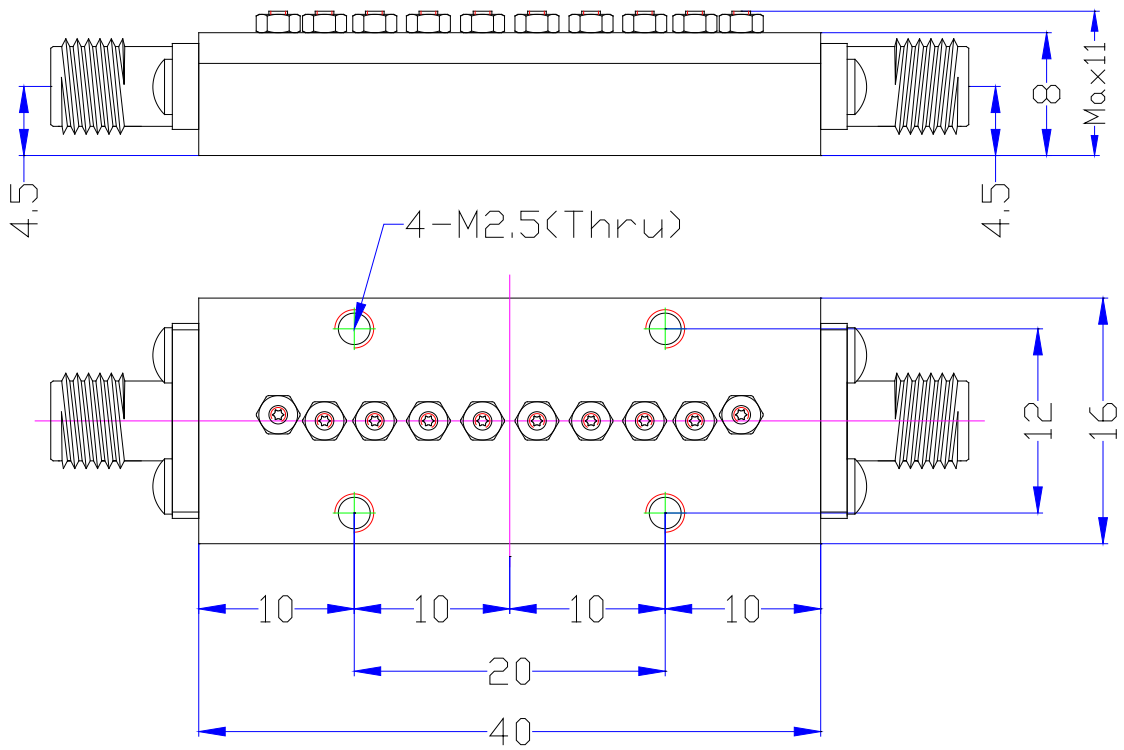
Mechanical

Mounting Method: Through Holes
Connector Type: 2.4mm (F)
Dimensions: 40 X 16 x 11 mm

Environmental

Operating Temperature: 15°C to +40°C
Storage Temperature: 5°C to +60°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

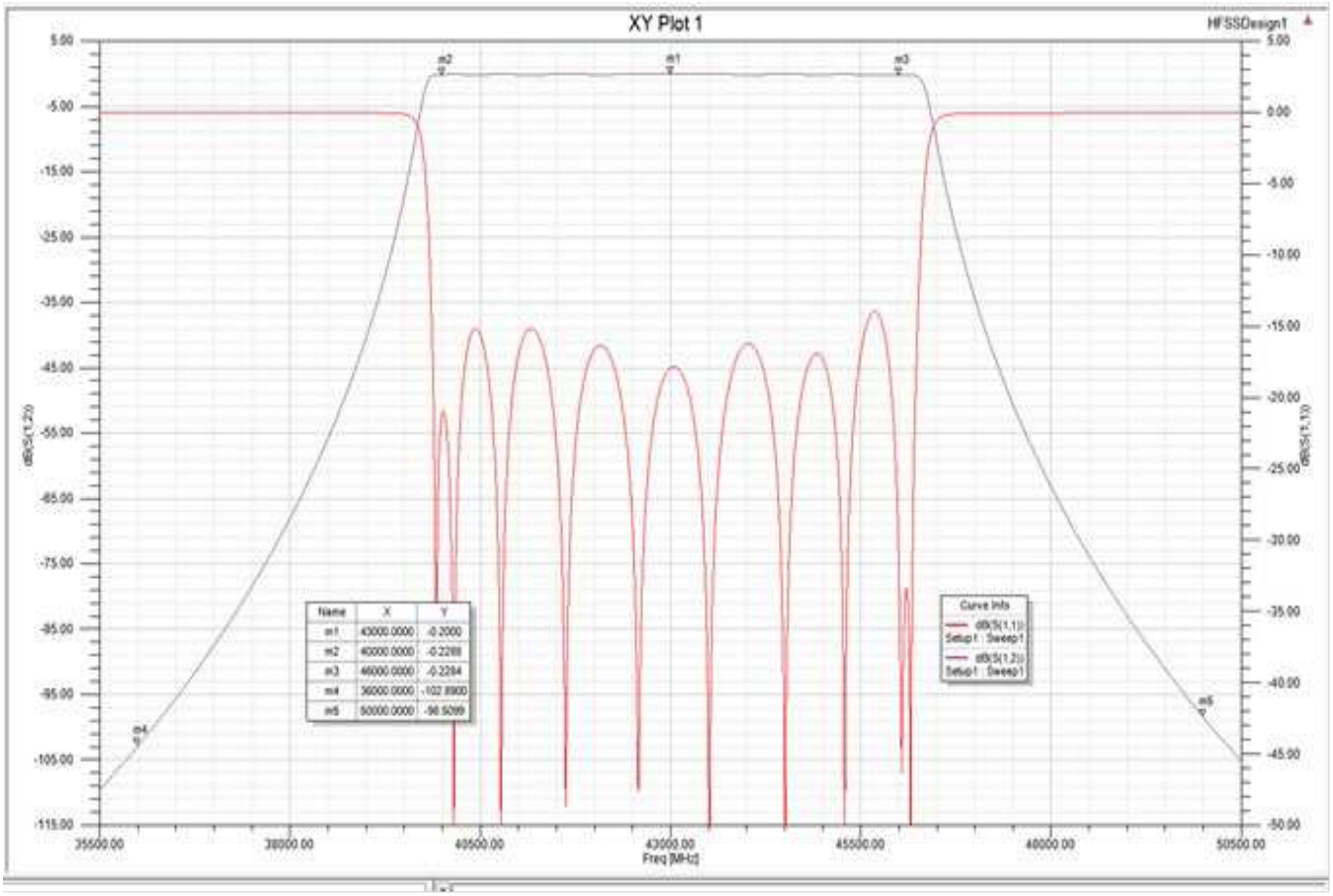
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Simulation Plot:



Note: This is a simulation Plot. Actual response plot might differ once product is manufactured.

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