ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

3800 MHz Low Pass Filter

Part Number: AE3800L9255

ISO 9001 REGISTERED FIRM

Electrical Specifications

Passband(PB): DC-3800 MHz
Insertion Loss in PB: 1.0 dB Max.
Return Loss in PB: 15 dB Min.
Rejection: 50dB Min. @ 7600 MHz
Power Handling: 10 W
Input/output Impedance: 50 Ohms

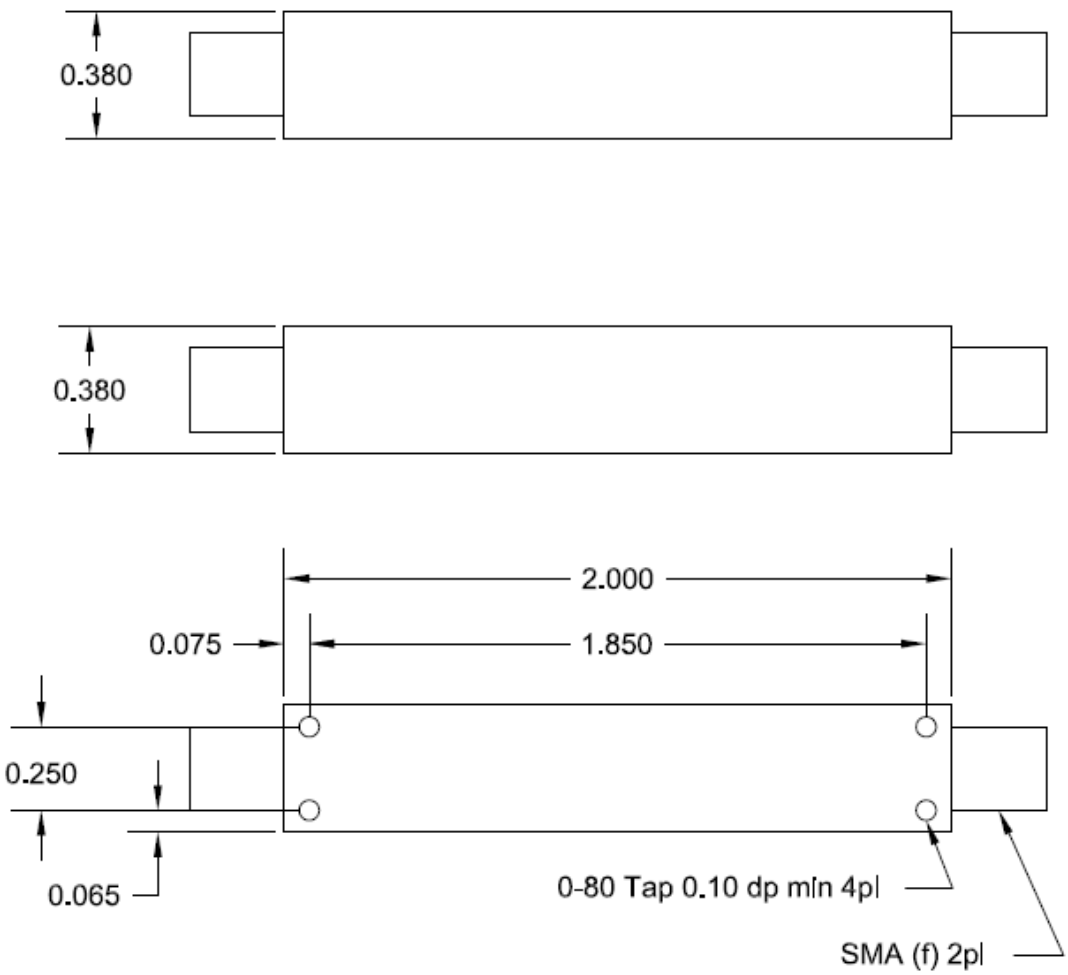
Mechanical

Mounting Method: 0-80 Threaded Holes
Connector Type: SMA (F)
Dimensions: 2.0 X 0.38 X 0.38 In.

Environmental

Operating Temperature: -20° C to +70° C
Storage Temperature: -55° C to +95° C
Shock: 10 G.11ms
Vibration: 10 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

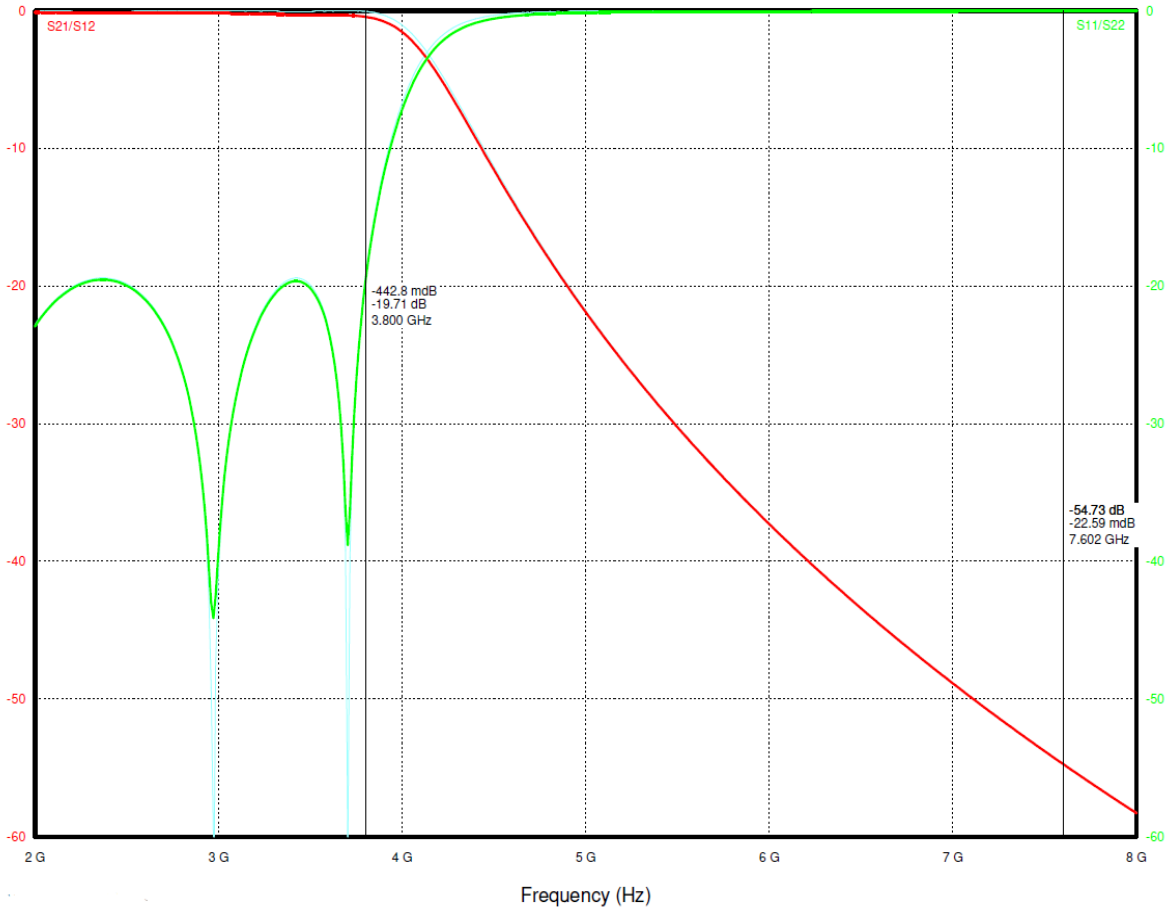
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

3800 MHz Low Pass Filter

Part Number: AE3800L9255

ISO 9001
REGISTERED FIRM

Simulation Plot:



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

70 Outwater Lane
Garfield, NJ 07026
Phone: (973) 772-4242
Fax : (973) 321-3941
Email: sales@anatechelectronics.com
Web: www.anatechelectronics.com