



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1600 MHz LC Bandpass Filter

Part Number: AE1600LB12011



Electrical Specifications

Center Frequency: 1600 MHz
Bandwidth: 800 MHz
Passband: 1200 – 2000 MHz
Return Loss: 12 dB Min
Insertion Loss: 1.25 dB max.
Rejection Frequency: 55 dB @ 0.8 GHz
Rejection Frequency: 55 dB @ 2.4 GHz
Impedance: 50 Ohms In/Out
Power Handling: 5 W CW

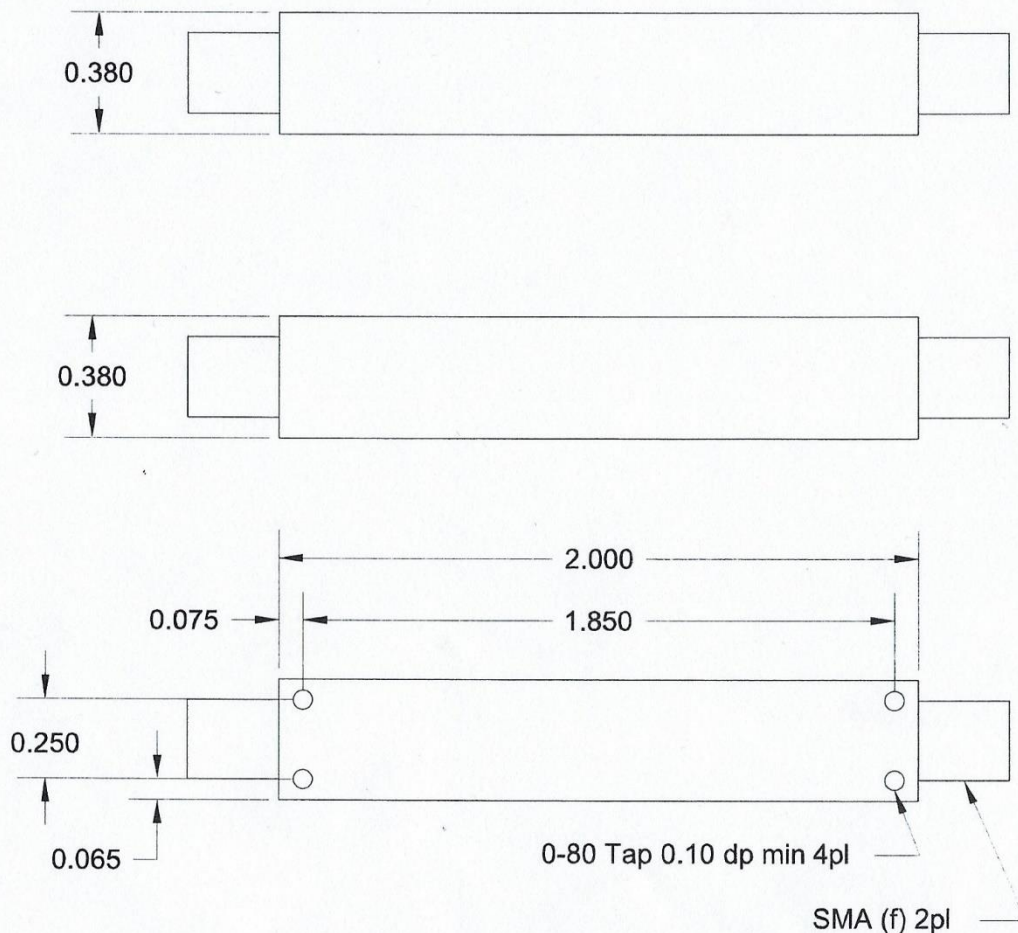
Mechanical

Mounting Method: Threaded Holes
Connector Type: SMA (F)
Dimensions: 2.0" x 0.38" x 0.38" in.

Environmental

Operating Temperature: -45°C to +85°C
Storage Temperature: -55°C to +95°C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200Hz

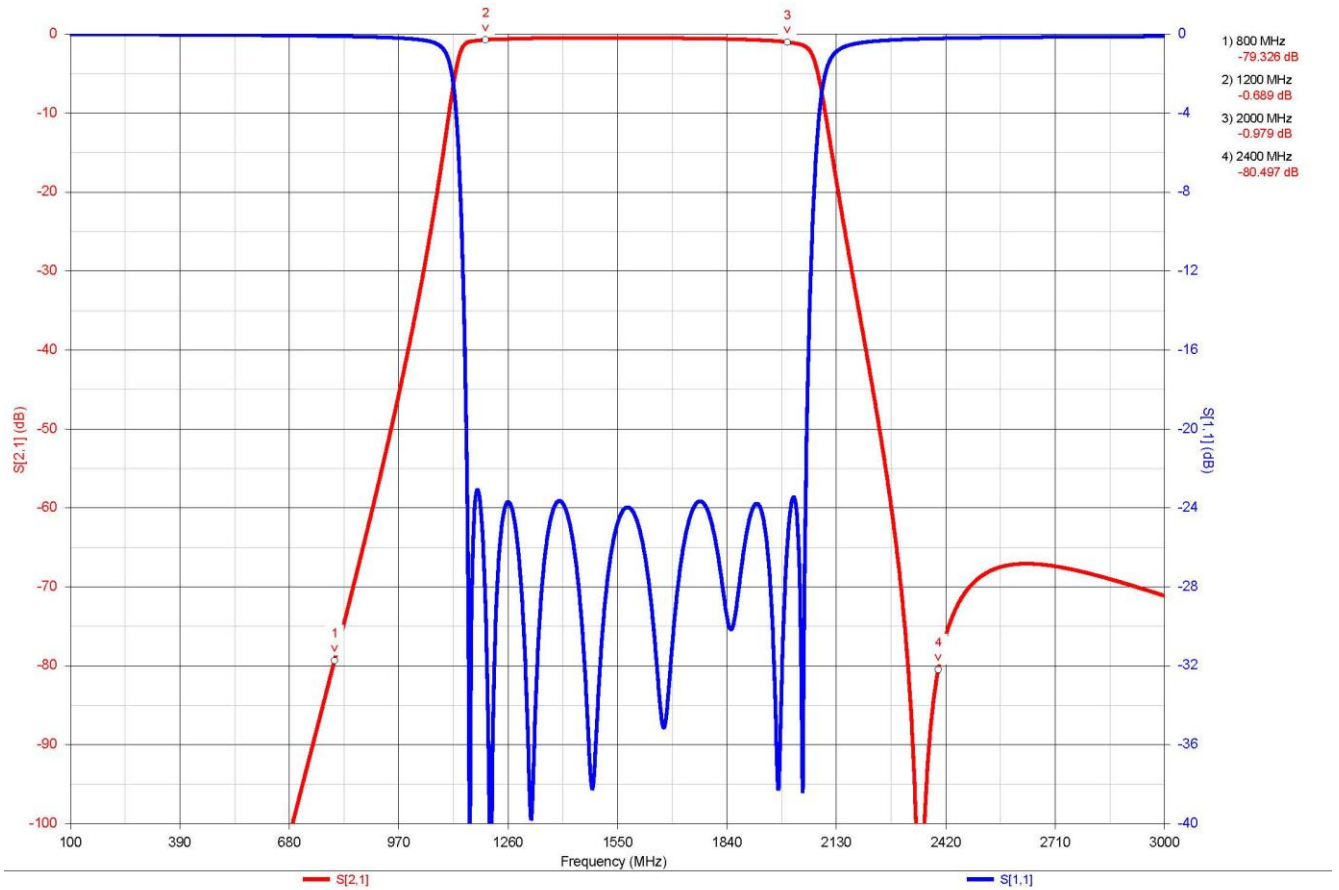
Outline Drawing:



DS-LB12011-06022023-Rev1



Simulation Plot:



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