



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Preliminary Datasheet
2250 MHz Cavity Bandpass Filter
Part Number: AE2250B12191



Electrical specifications

Center Frequency: 2250 MHz
Bandwidth: 3500 MHz
Passband: 500 – 4000 MHz
Insertion Loss in Passband: 2.0 dB Max
Return Loss in Passband: 14 dB Min
Rejection: 30 dB Min @ 250 MHz
30 dB Min @ 4250 MHz
50 dB Min @ 6000 MHz
Impedance: 50 Ohms In/Out
Power Handling: 30 dBm

Mechanical

Connector Type: SMA (Female)
Dimensions: Approx. 2.2 x 0.63 x 0.63 in.

Environmental

Operating Temperature: -45 to +85 deg.C
Storage Temperature: -55 to +95 deg.C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 2000 Hz

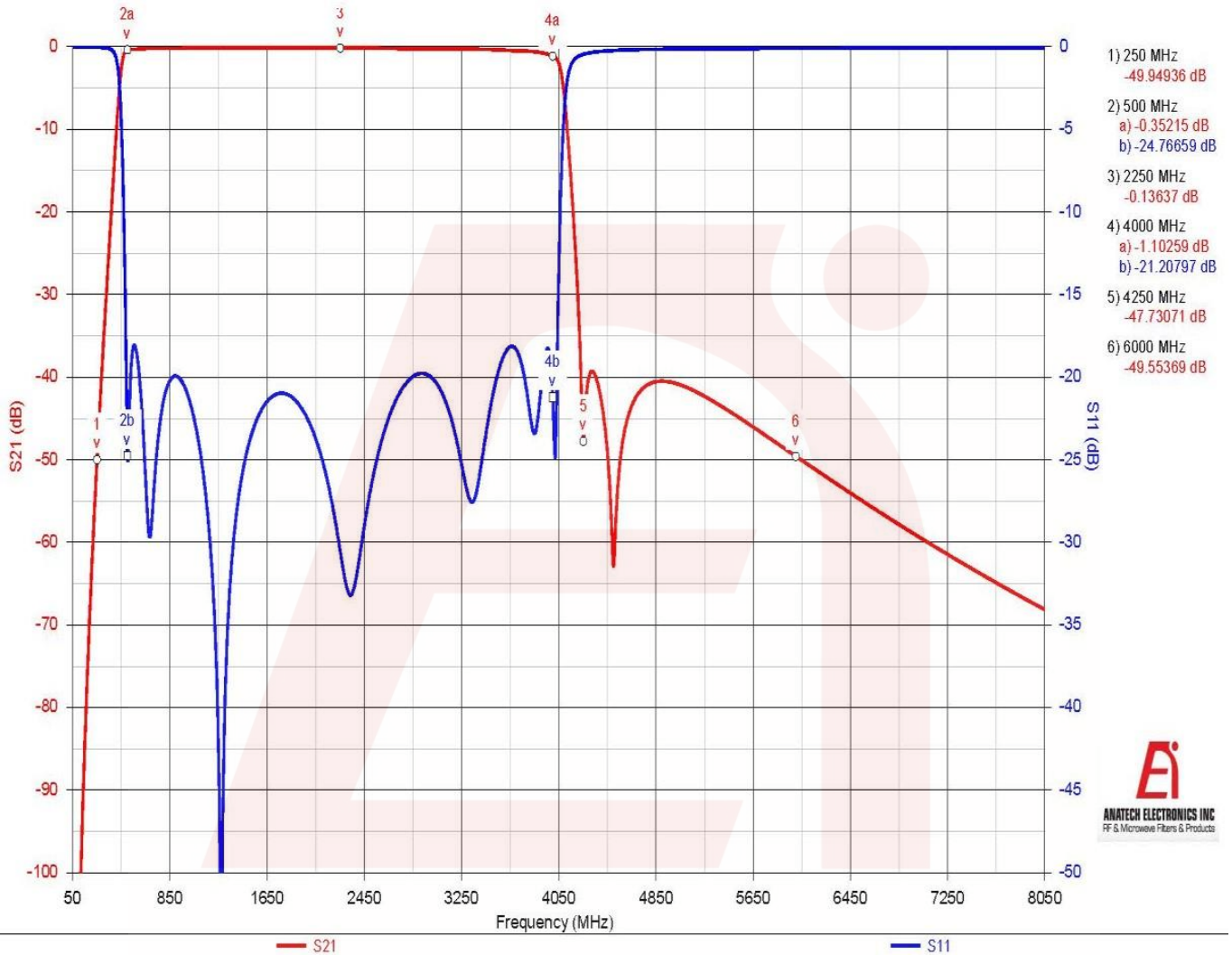
Outline Drawing:

Approximate size is 2.2 x 0.63 x 0.63 inches.

DS-B12191-10112024-Rev0



Simulation Plot:



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