ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2500 MHz Cavity Bandpass Filter

Part Number: AB2500B914

ISO 9001 REGISTERED FIRM

Electrical specifications

Center Frequency: 2500 MHz
Bandwidth: 600 MHz
Input / Output Impedance: 50 Ohm
Passband: 2200-2800 MHz
Passband Insertion Loss: <1.0 dB
Passband Ripple: 0.8 dB typ
Passband Return Loss: -18 dB max, <1.29:1
Rejection: DC to 1600 MHz: 80 dB min, 85 dB typ.
Rejection 2: 1600-1950 MHz: 50 dB min, 55 dB typ.
Rejection 3: 1950-2125 MHz: 10 dB min, 15 dB typ.
Rejection 4: 2875-3050 MHz: 10 dB min, 15 dB typ.
Rejection 5: 3050-3400 MHz: 60 dB min, 65 dB typ.
Power Handling: 20 W

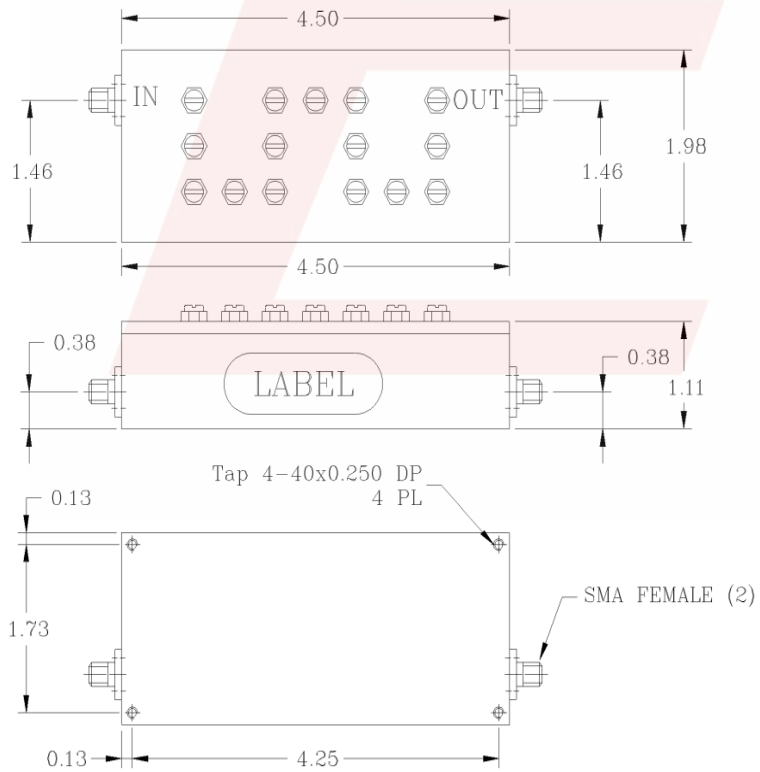
Mechanical

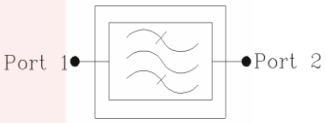
Mounting Method: Threaded Mounting Holes
Connector Type: SMA Female
Dimensions: 4.50” x 1.98” x 1.11”

Environmental

Operating Temperature: -20° C to +50° C
Storage Temperature: -55° C to +95° C
Shock: 20 G. 11ms
Vibration: 20 G. 5 too 200 MHz

Outline Drawing:





70 Outwater Lane
Garfield, NJ 07026
Phone: (973) 772-4242
Fax : (973) 772-4646
Email: sales@anatechelectronics.com
Web: www.anatechelectronics.com

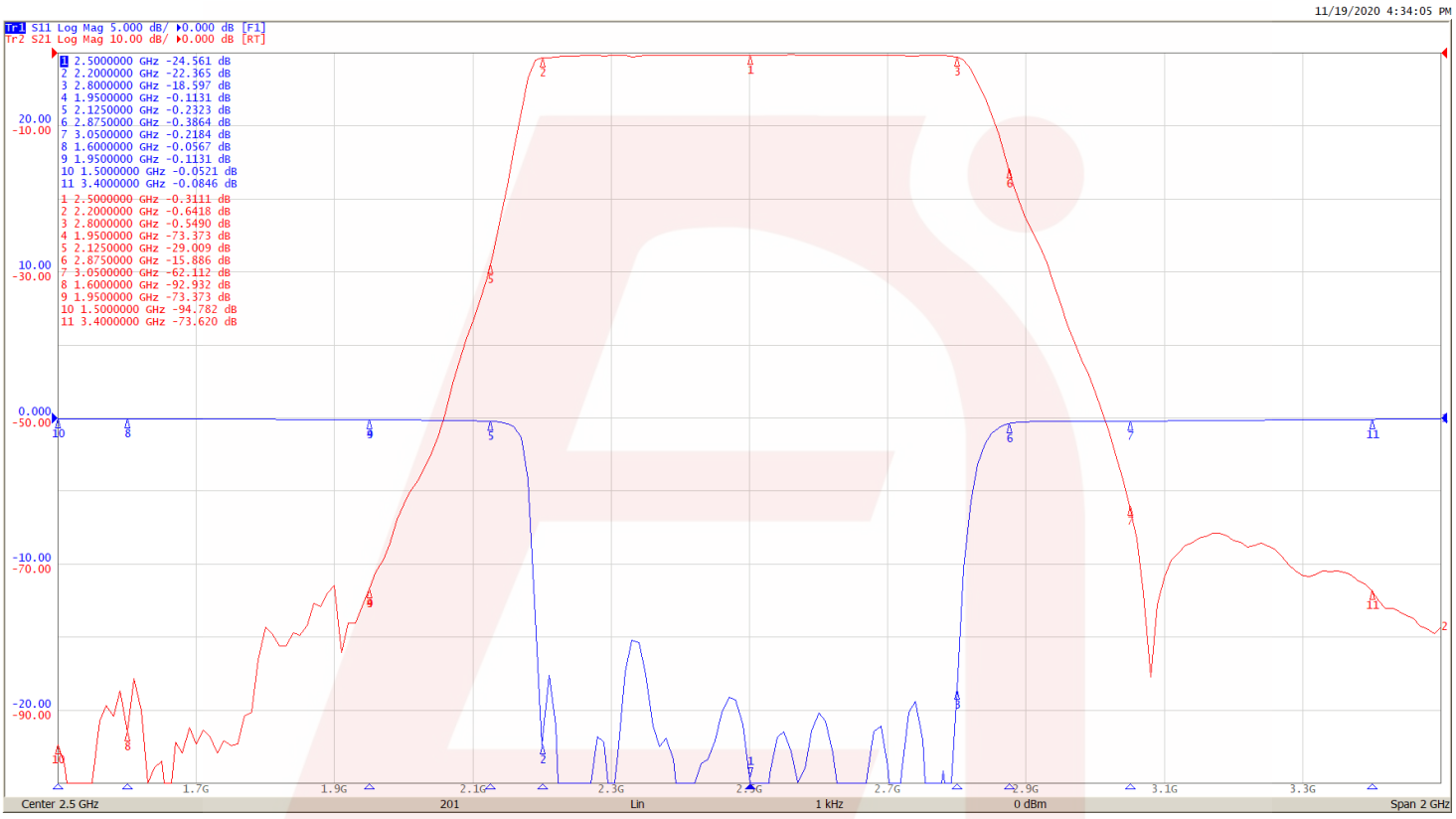
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Response Plot:



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