



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

500/615-1330/1500-2700/3000 MHz

Multi Band Filter

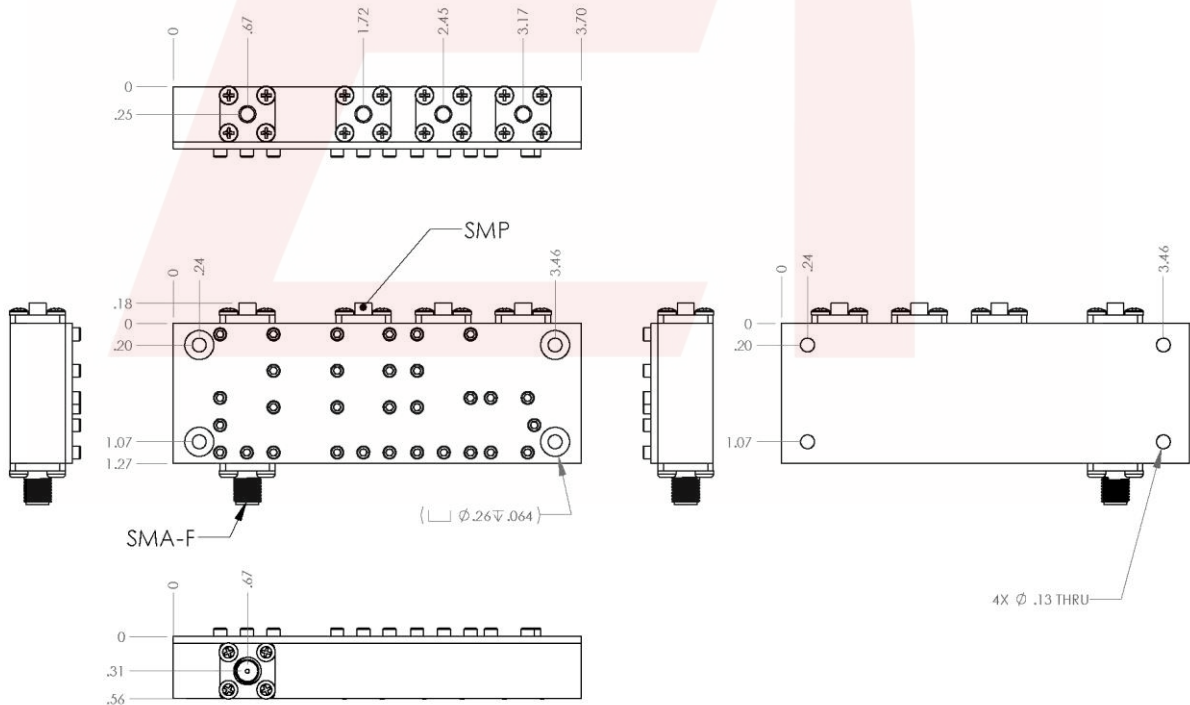
Part Number: AE500-972-2100-3000MP1032



Electrical specifications

Bands / Center Frequency	Band 1 (500 MHz)	Band 2 (972 MHz)	Band 3 (2100 MHz)	Band 4 (3000 MHz)
Frequency Range:	<=500 MHz	615-1330 MHz	1500-2700 MHz	>=3000 MHz
Insertion Loss:	≤ 0.8 dB	≤ 1.0 dB	≤ 1.0 dB	≤0.8 dB
Return Loss:	≥ 15 dB	≥ 15 dB	≥ 15 dB	≥15dB
Rejection 1:	≥ 25 dB @ 615-1300 MHz	≥ 25 dB @ DC-500 MHz	≥ 25 dB @ 615-1330 MHz	≥ 25 dB @ 1500-2700 MHz
Rejection 2:		≥ 25 dB @ 1500-2700 MHz	≥ 25 dB @ 3000-6000 MHz	
Dimensions:	3.70 X 1.27 X 0.56 in.			
Port Connectors:	SMA-Female Common port/ SMP Port 1, 2,3, and 4 (50Ω)			
Size Tolerance:	As Below(±0.3mm)			

Outline Drawing:



2 decimal places: +/-0.01 inches [+/-0.3mm]

3 decimal places: +/-0.005 inches [+/-0.13mm]

Angles: +/-1 Deg.

When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

DS-MP1032-102602021-Rev0



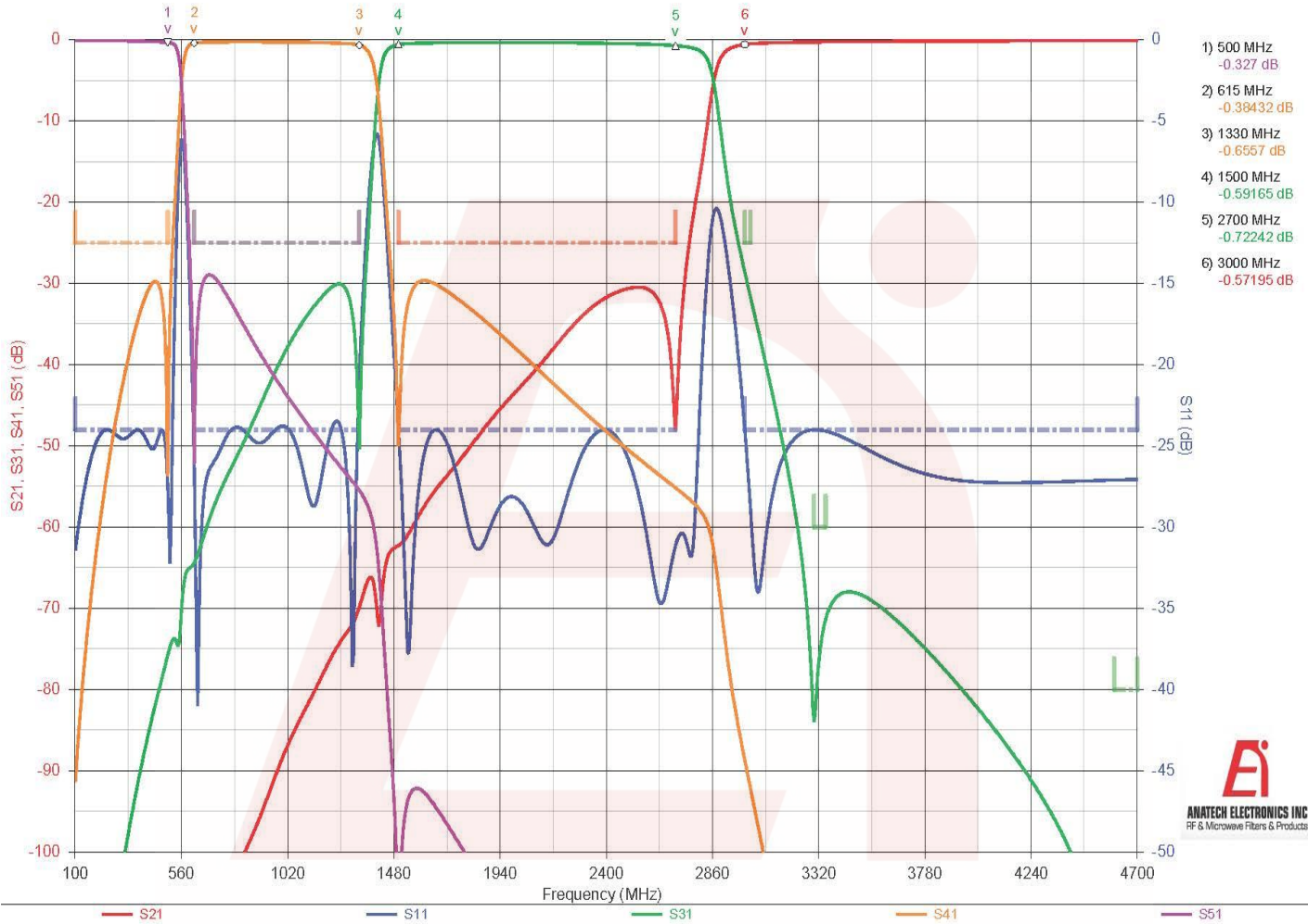
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Simulated Response Plot

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