RESPONSE MICROWAVE, INC.

94 JACKSON ROAD, SUITE 110, DEVENS, MA 01434

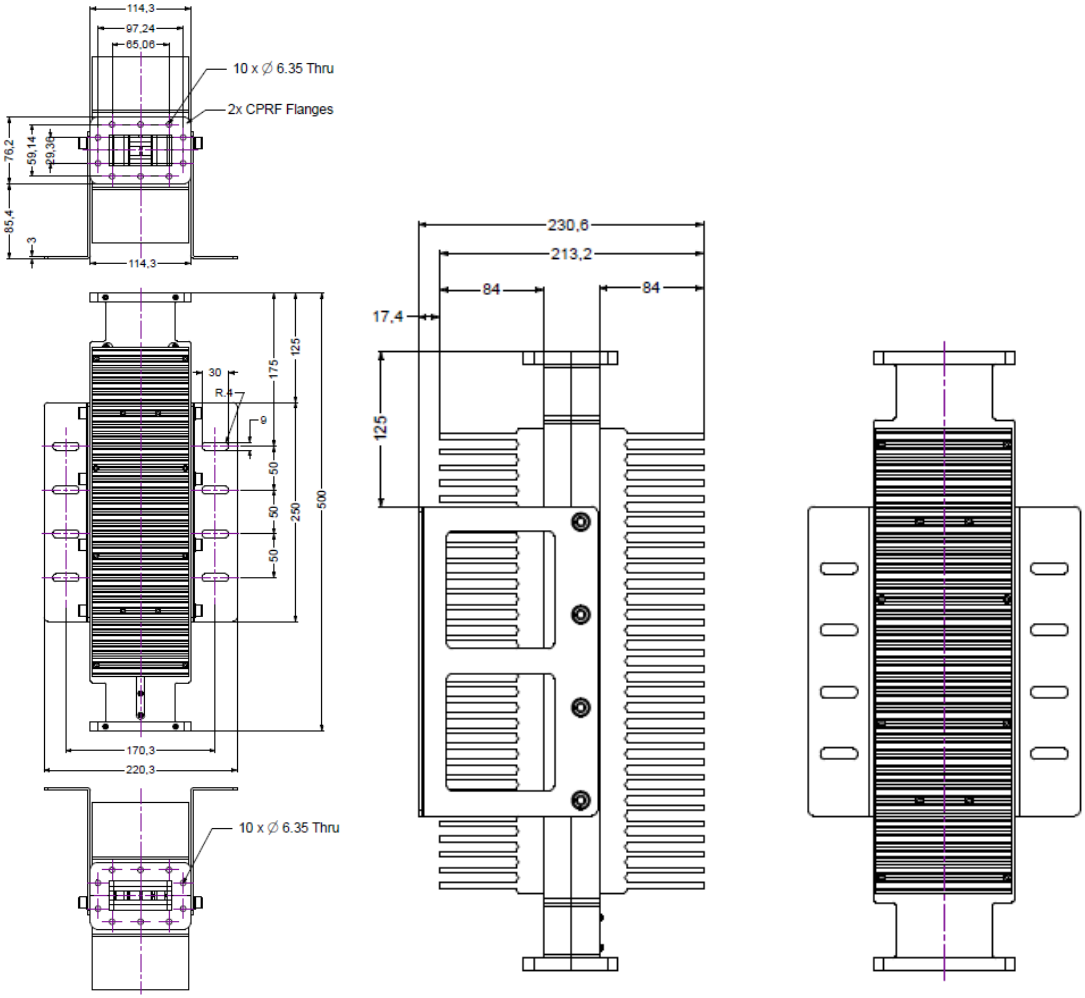
Filters/Diplexers

Model RMFI.3100-3400WR284 Filter, HighPower, WR284

ITEM	SPECIFICATION
Frequency Range	3100 - 3400MHz
Insertion Loss	0.5dB max
VSWR	1.5:1 max
Rejection	30dB min @ 2.9GHz 20dB min @ 3.6GHz
2nd Harmonic Rejection 3rd Harmonic Rejection	40dB min 6.2-6.8GHz 50dB min 9.3-10.2GHz
Power Handling	1kW avg/10kW peak
Impedance	50Ω

Notes:

a. Flange: CPR284 flat – 2 places
b. WR284 material: Aluminum alloy w/chromate and black paint
c. Operation temperature: -55C to +85°C



Telephone: 978-772-3767 **Fax: 978-772-3768**

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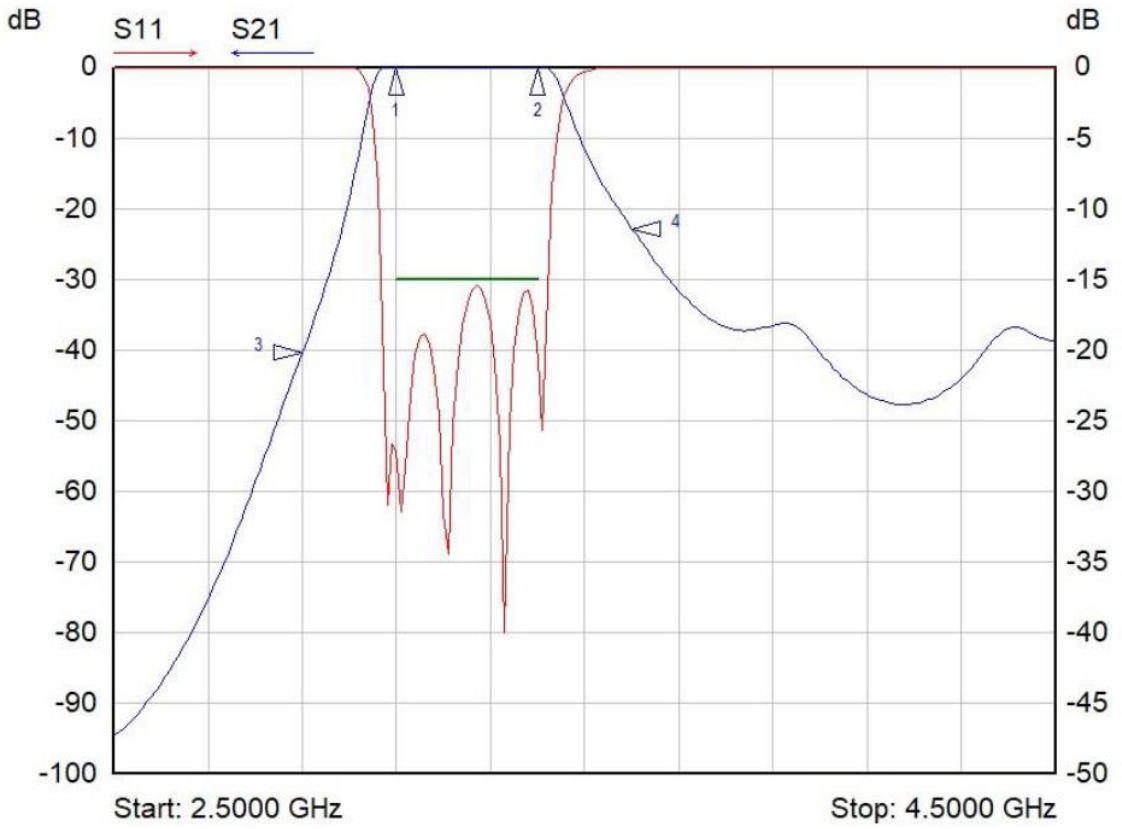

Mkr	Trace	X-Axis	Value	Notes
1	S21	3.1000 GHz	-0.01 dB	
2	S21	3.4000 GHz	-0.05 dB	
3	S21	2.9000 GHz	-40.28 dB	
4	S21	3.6000 GHz	-22.78 dB	

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