PRELIMINARY SPECIFICATION

Product Name :Cavity Band Pass Filter

Part No : MBP-C406_6MS-A

.	Rev. No.	Description	Date	Author	Final Approver
1	A	First	2020.07.28	Lee Seung Moon	Michael Jeon
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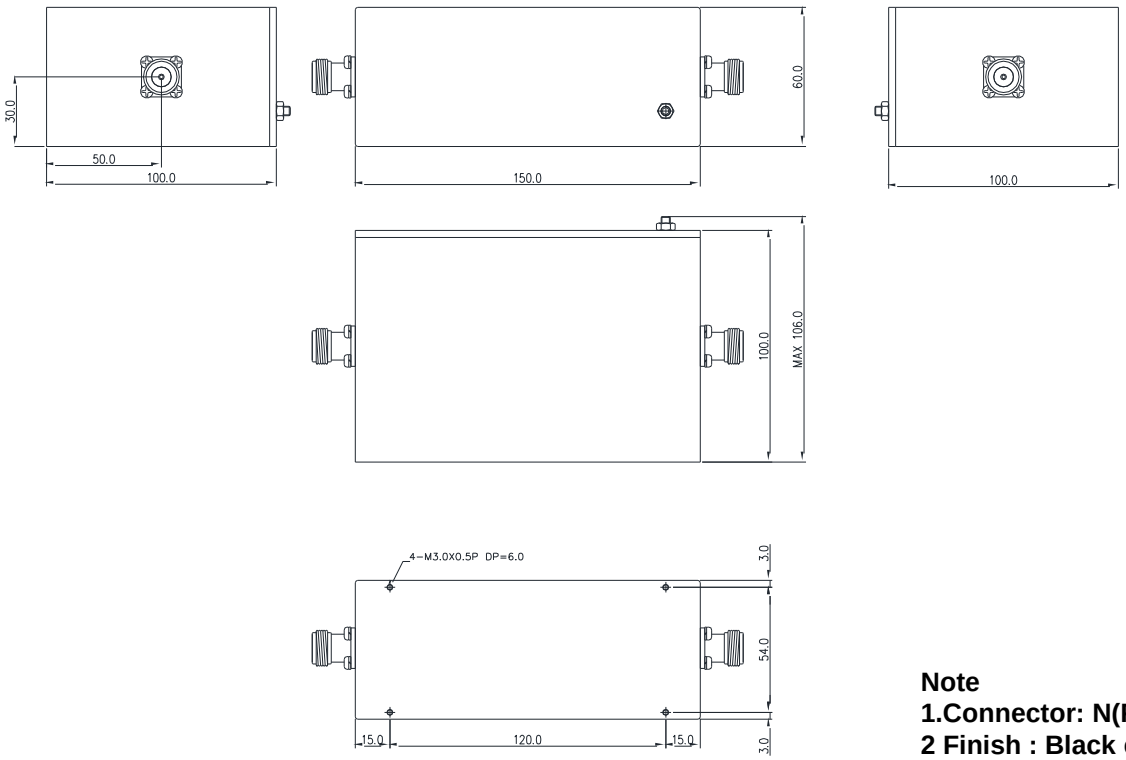
PRODUCT SPECIFICATION FOR INFORMATION

■ Mechanical Drawing



Note
1.Connector: N(F)
2 Finish : Black epoxy

■ Electrical Specification

Item		Specification	Remark
1. Center Frequency		406MHz	
2. Pass Band Frequency		fo±3[403~409]MHz	
3. Insertion Loss		1.0dB Max.	
4. Ripple		0.5dB Max.	
5. Pass Band Return Loss (S11/S22)		15dB Min.	
6. Rejection	Edge±2%	40dB Min @ 394.94MHz 40dB Min @ 417.18MHz	
	Edge±5%	50dB Min @ 382.85MHz 50dB Min @ 429.45MHz	
	Edge±10	60dB Min @ 362.7MHz 60dB Min @ 449.4MHz	
	Max Rejection	60dB Min @ 1209~1227MHz	
7. In/Out Impedance		50 Ω	
8. Input Power		20 W max.	
9. Operation Temperature Range		-5℃ to +60℃	

* Remarks: Preliminary datasheet is just for reference. Final datasheet is subject to the performance of samples.

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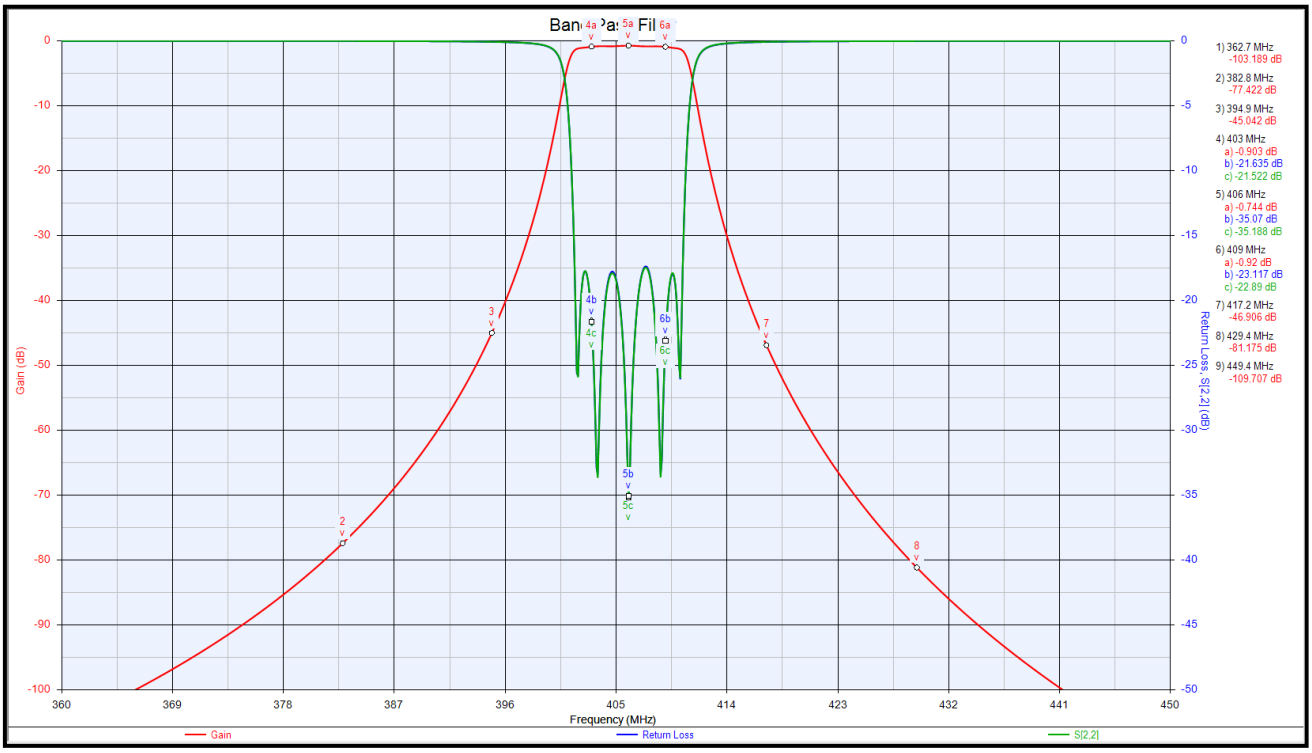
■ Simulation Curve



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