

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

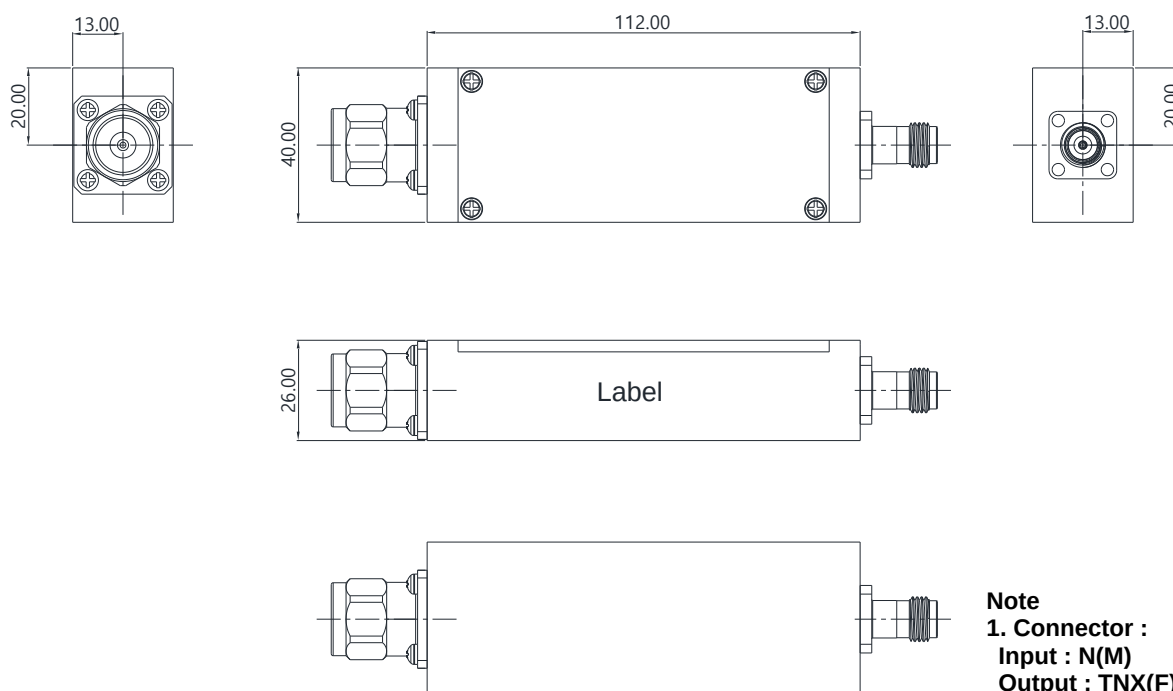
Product Name : Cavity Band Pass Filter

Part No : MBP-C5150_300MN-A-R2

■ History List

No	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2021.08.18	Bryan Jeon	Michael Jeon
2	R1	Has changed filter size Please see below dimension And has changed insertion loss from 1.2dB to 1.3dB	2021.08.24	Bryan Jeon	Michael Jeon
3	R2	Has changed rejection value	2021.08.25	Bryan Jeon	Michael Jeon

■ Mechanical Drawing



Note

1. Connector :

Input : N(M)

Output : TNX(F)

2. Finish : Black epoxy

■ Electrical Specification

Parameter		Specification	Remark
1. Center Frequency [Fc]		5150MHz	
2. Bandwidth [3dB BW]		5000~5300MHz (Fc ± 150MHz)	
3. Insertion Loss		1.3 dB Max.	
4. Return Loss		14 dB Min.	1.5 :1 Max.
5. Rejection	4950MHz	30 dBc Min.	
	5350MHz	30 dBc Min.	
	3500MHz	75 dBc Min.	
	7000MHz	75 dBc Min.	
7. Input Power		5.0 W Max.	
8. Size		112.0 x 40.0 x 26.0 mm	
9. IP rating		IP67	Out Door
10. Temperature Range		-40°C ~ +70°C	
11. Impedance		50Ω	

Remarks: This is a preliminary datasheet for reference. The final performance is subject to the sample.

■ Simulation Curve

