

PRODUCT SPECIFICATION FOR INFORMATION

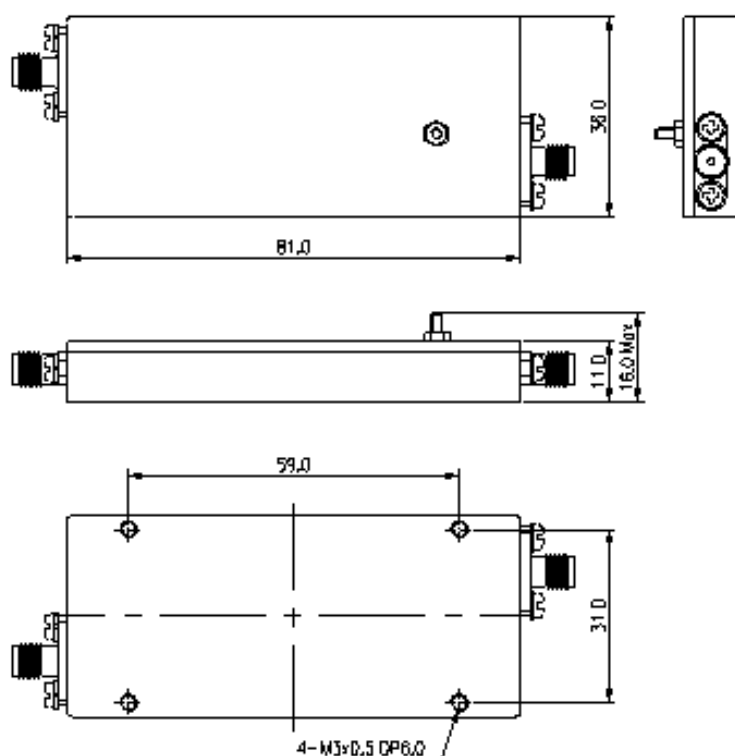
PRELIMINARY SPECIFICATION

Product Name : Cavity Band Pass Filter

Part No : MBP-C10.7G-700MN-A-R1

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2023.04.26	Jeffrey Chung	Michael Jeon
2	R1	Updating size & rejection	2023.05.22	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	10650MHz	
2. Bandwidth [BW]	$F_c \pm 350\text{MHz}$ [10300~11000MHz]	
3. Insertion Loss in BW	1dB Max.	
4. Ripple	0.5dB Max.	Proposed
5. VSWR	1.2:1 Max.	
6. Rejections	50dB Min.@10~10.1GHz	
	70dB Min.@7.6~9.2GHz	
	70dB Min.@15GHz	
7. Impedance	50Ohm	
8. Operating Temperature	-40°C ~ +85°C	
9. Power Handling	2Watt (Avg.)	
10. Size (W × D × H)	81.0x36.0x16.0 mm	
11. Connectors	SMA	
12. Finish	Black	TBD

Remarks: This is a preliminary datasheet for reference.

■ Simulation Curve

