

PRODUCT SPECIFICATION FOR INFORMATION

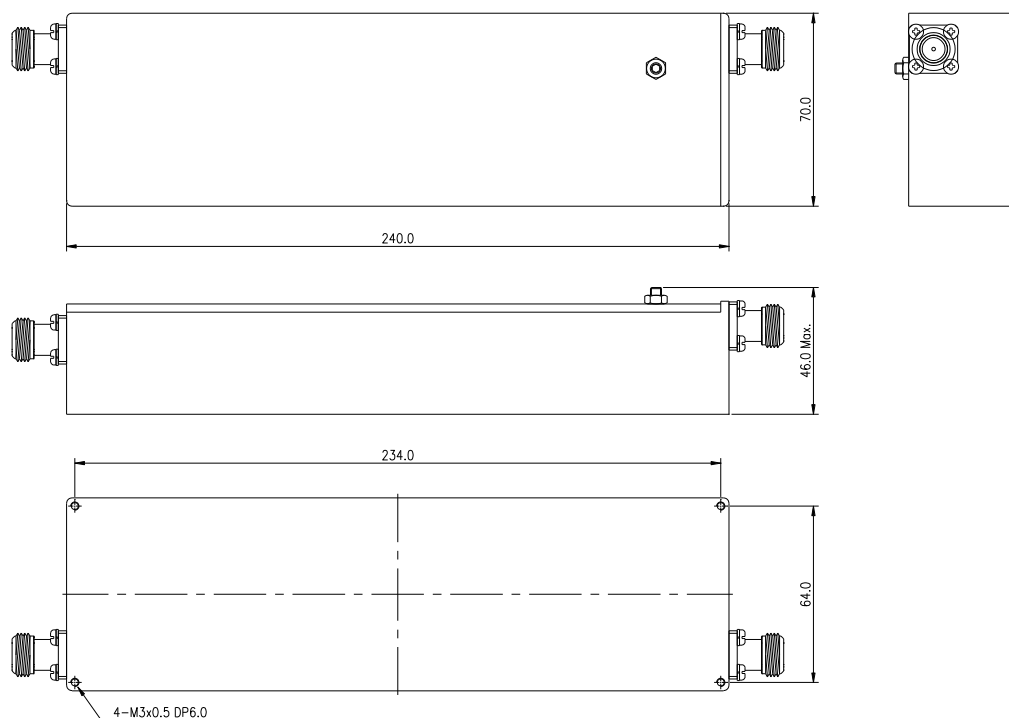
PRELIMINARY SPECIFICATION

Product Name : Cavity Band Pass Filter

Part No : MBP-C1060-200MN-B-R3

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2022.10.06	Jeffrey Chung	Michael Jeon
2	R1	Upgrading 3rd Harmonic attenuation	2022.10.11	Jeffrey Chung	Michael Jeon
3	R2	Changed Insertion Loss & power, Changed size	2024.11.08	Jeffrey Chung	Michael Jeon
4	R3	Added Rejection, Changed size	2025.02.07	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



Note

1. Connector :
2. Finish :

N-Type (Female)
Black Plating

■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	1060MHz	OK
2. Bandwidth [BW]	$F_c \pm 100\text{MHz}$ [960~1160MHz]	OK
3. Insertion Loss in BW	0.5dB Max.	Proposal
4. Return Loss	16dB Min.	OK
5. Rejections	40dB Min @ ($f > 1300\text{MHz}$, $f < 860$)	OK
	60dB Min @ ($f > 1400\text{MHz}$, $f < 760$)	OK
	70dB Min @ 3600MHz(3rd Harmonic)	OK
	60dB Min. @ 3600~10000MHz	Proposal
6. Impedance	50Ohm	OK
7. Operating Temperature	-10°C ~ +70°C	OK
8. Power Handling	250W Avg, 500W Peak(Max).	OK
9. Size (W × D × H)	70.0 x 240.0 x 46.0 mm	Proposal

Remarks: This is a preliminary datasheet for reference.

■ Simulation Curve

