

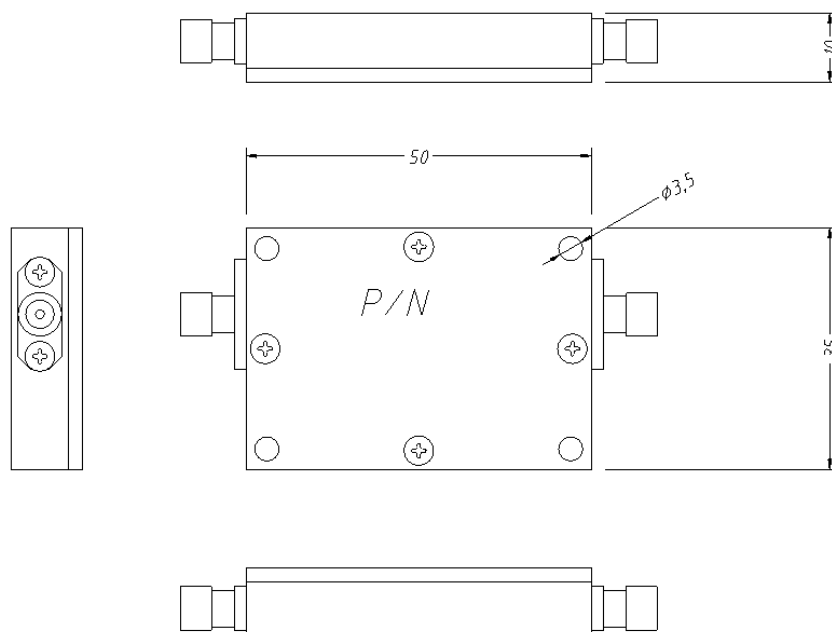
PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

Product Name : Band Pass Filter
Part No : MBP-C2600_200MS-A-R0

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.01.22	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	2600 MHz	OK
2. Bandwidth [BW]	$F_c \pm 100\text{MHz}$ [2500~2700MHz]	OK
3. Insertion Loss in BW	1.5dB Max. 1.0dB Typ.	OK
4. Bandwidth (3dB)	200MHz Typ.	OK
5. Return Loss	15dB Min.	TBD
6. Rejections	30dB Min. @ 2200MHz	OK
	50dB Min. @ 5000MHz	OK
7. In/Out Impedance	50 Ohm	OK
8. Operating Temperature	-10 ~ +70°C	OK
9. Power Handling	2W Max.	OK
10. Size (W × D × H)	35.0x50.0x10.0 [mm]	Proposed
11. Interface	SMA(F)	OK
12. Finish	Black	TBD

Remarks: This is a preliminary datasheet for reference.

■ Environmental Specification

Parameter	Specification	Remark
1. Storage Temperature Range	-20 ~ +80°C	OK
2. Relative Humidity	10%~95%	OK
3. Random Vibration	MIL-STD-810 F Method 514.5 procedure C1. 3 axes, 20 min. per each axis.	OK
4. Dust	MIL 810F Method 510.4 Procedure III settling dust	OK
5. Safety requirement	approved according to UL/CE or similar standards	OK

■ Simulation Curve

