

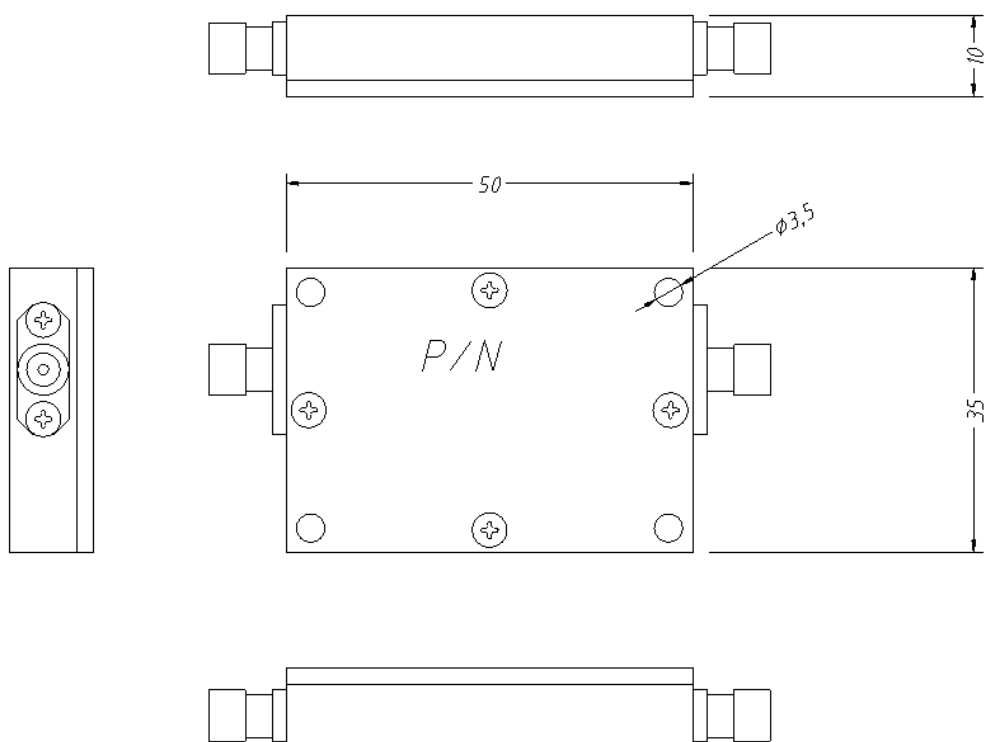
PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

Product Name : Band Pass Filter
Part No : MBP-C1800_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	1800 MHz	OK
2. Bandwidth [BW]	$F_c \pm 100\text{MHz}$ [1700~1900MHz]	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. @ 1575MHz	OK
	30dB Min. @ 2400MHz	OK
7. In/Out Impedance	50 Ohm	OK
8. Operating Temperature	-10 ~ +70°C	OK
9. Power Handling	5W 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.

■ Simulation Curve

