

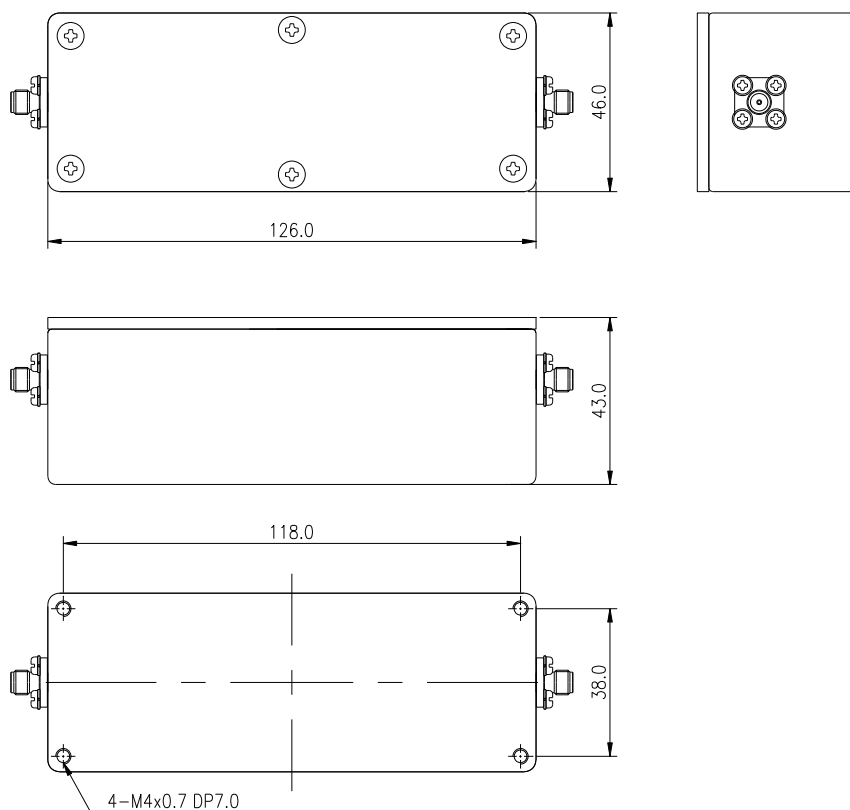
PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

Product Name : Band Pass Filter
Part No : MBP-C2050-300MS-A-R0

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2023.12.28	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	2050 MHz	OK
2. Bandwidth [BW]	$F_c \pm 150\text{MHz}$ [1900~2200MHz]	OK
3. Insertion Loss in BW	1.0dB Max.	OK
4. Return Loss	16dB Min.	proposed
5. Rejections	30dB Min @ 1575MHz	OK
	30dB Min @ 2400MHz	OK
6. In/Out Impedance	50Ohm	OK
7. Operating Temperature	-10 ~ +70°C	OK
8. Power Handling	5W Max.	OK
9. Size (W × D × H)	46.0x126.0x43.0 [mm]	TBD
10. Interface	SMA(F)	OK
11. Finish	-	TBD
12. Environmental	Outdoor	OK

Remarks: This is a preliminary datasheet for reference.

■ Simulation Curve

