

PRODUCT SPECIFICATION FOR INFORMATION

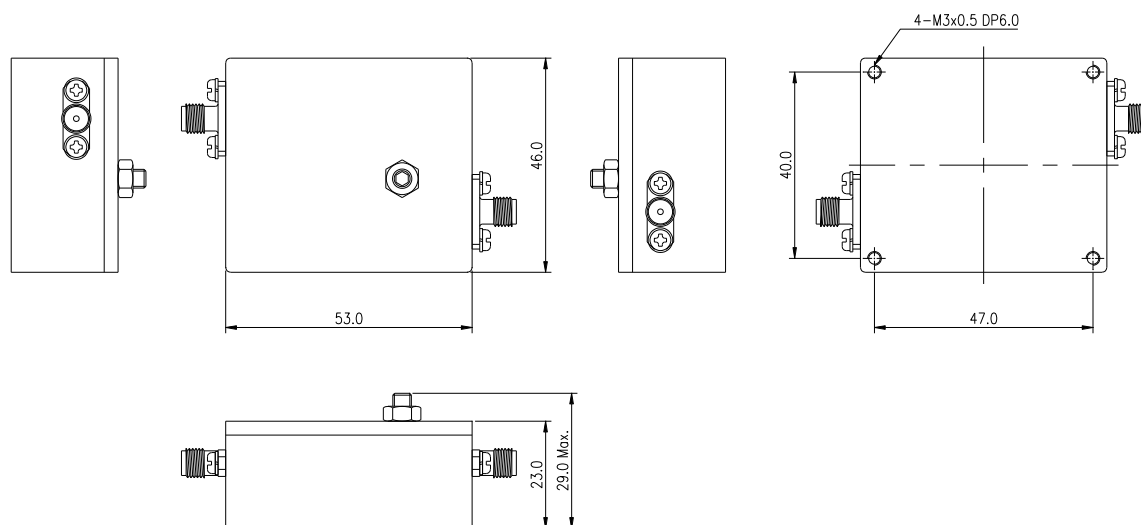
PRELIMINARY SPECIFICATION

Product Name : Band Pass Filter

Part No : MBP-C2140_80MS-A-R0

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.07.11	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	2140 MHz	OK
2. Bandwidth [BW]	$F_c \pm 40\text{MHz}$ [2100~2180MHz]	OK
3. Insertion Loss in BW	1.5dB Max.	OK
4. Ripple (pass band)	0.5dB Max.	OK
5. VSWR	1.3:1 Max.	OK
6. Passband Group Delay	20 nS	TBD
7. Rejections	50dB Min.@ 4280 ~ 10700MHz	OK
	50dB Min.@ DC ~ 1070MHz	OK
8. In/Out Impedance	50 Ohm	OK
9. Power Handling	2W Max	OK
10. Dimension [WxDxH]	46.0 x 53.0 x 29.0 mm	TBD
11. Operation Temperature	-30 ~ +70°C	OK
12. Connectors	SMA (F)	OK
13. Finish	Black	OK

Remarks: This is a preliminary datasheet for reference.

■ Simulation Curve

