

PRODUCT SPECIFICATION FOR INFORMATION

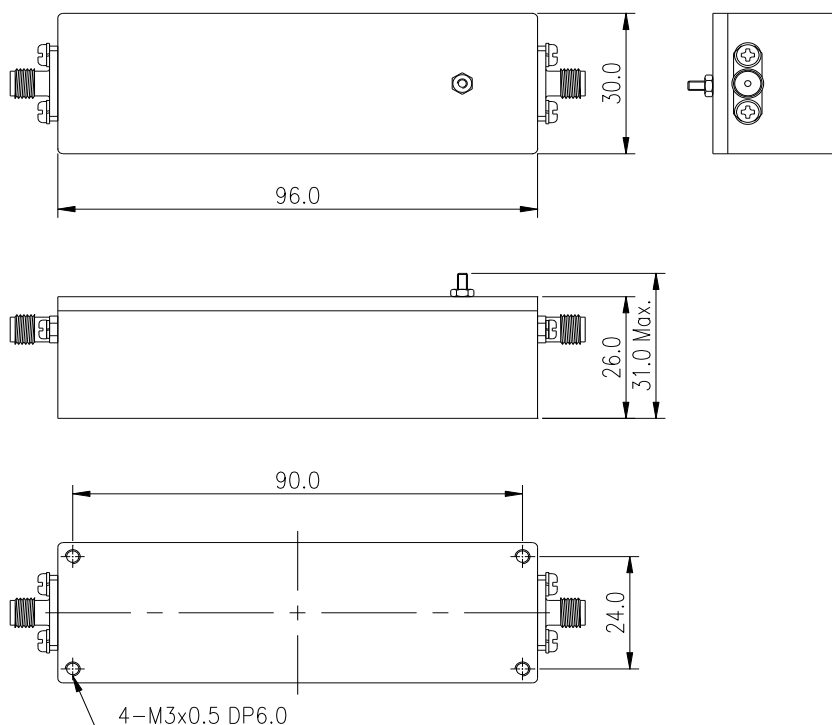
PRELIMINARY SPECIFICATION

Product Name : Band Pass Filter

Part No : MBP-C1580-70MS-A-R0

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2023.10.26	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	1580 MHz	OK
2. Bandwidth [BW]	$F_c \pm 35\text{MHz}$ [1545~1615MHz]	OK
3. Insertion Loss in BW	1.0dB Max.	OK
4. Return Loss	18dB Min.	OK
5. Rejections	40dB Min @ DC~1320MHz	OK
	40dB Min @ 1850~6000MHz	OK
6. In/Out Impedance	50Ohm	OK
7. Operating Temperature	-45°C ~ +85°C	OK
8. Storage Temperature	-55°C ~ +100°C	OK
9. Power Handling	1.5W Max.	OK
10. Size (W × D × H)	30.0x93.0x31.0 mm	TBD
11. Interface	SMA(F)	OK
12. Finish	Black	TBD

Remarks: This is a preliminary datasheet for reference.

■ Simulation Curve

