

PRODUCT SPECIFICATION FOR INFORMATION

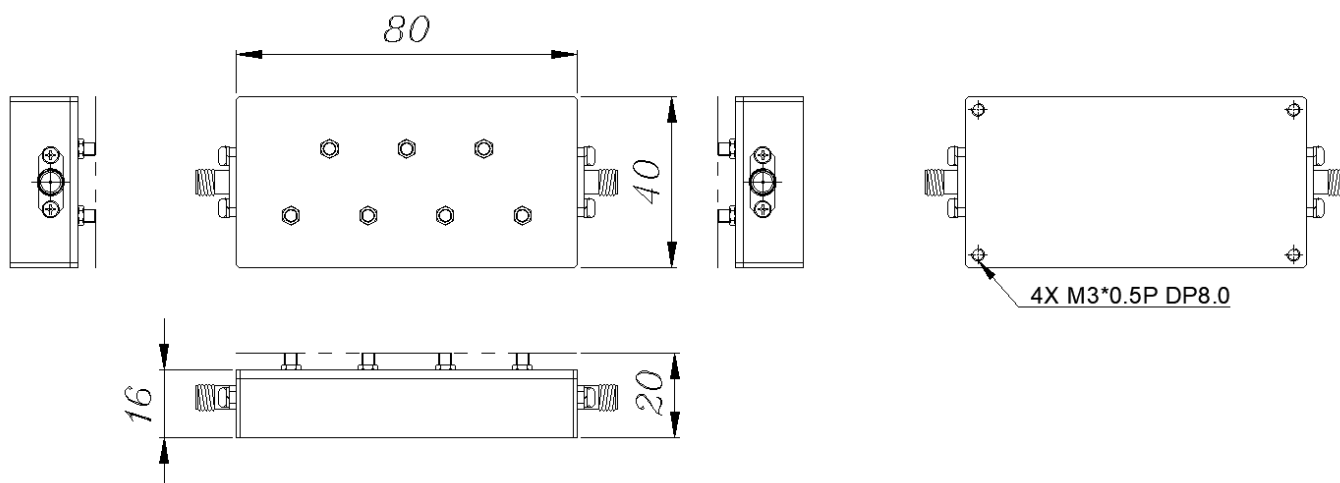
PRELIMINARY SPECIFICATION

Product Name : Cavity _Band Pass Filter

Part No : MBP-C5000_200MS-A-R0

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2025.02.24	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	5000MHz	OK
2. Bandwidth [BW]	$F_c \pm 100\text{MHz}$ [4900~5100MHz]	OK
3. Insertion Loss in BW	0.8dB Max.	OK
4. 3dB Bandwidth	240MHz Max.	OK
5. Return Loss	14dB Min.	OK
6. Rejections	70dB Min @ 4700MHz	OK
	70dB Min @ 5300MHz	OK
7. Impedance	50Ohm	OK
8. Power Handling	CW 100W Max.	OK
9. Size (W × D × H)	80 x 40 x 16mm (Max. 20mm)	TBD
10. Connector	SMA (F)	OK
11. Finish	Black epoxy	TBD

Remarks: This is a preliminary datasheet for reference.

Simulation Data

