

PRODUCT SPECIFICATION FOR INFORMATION

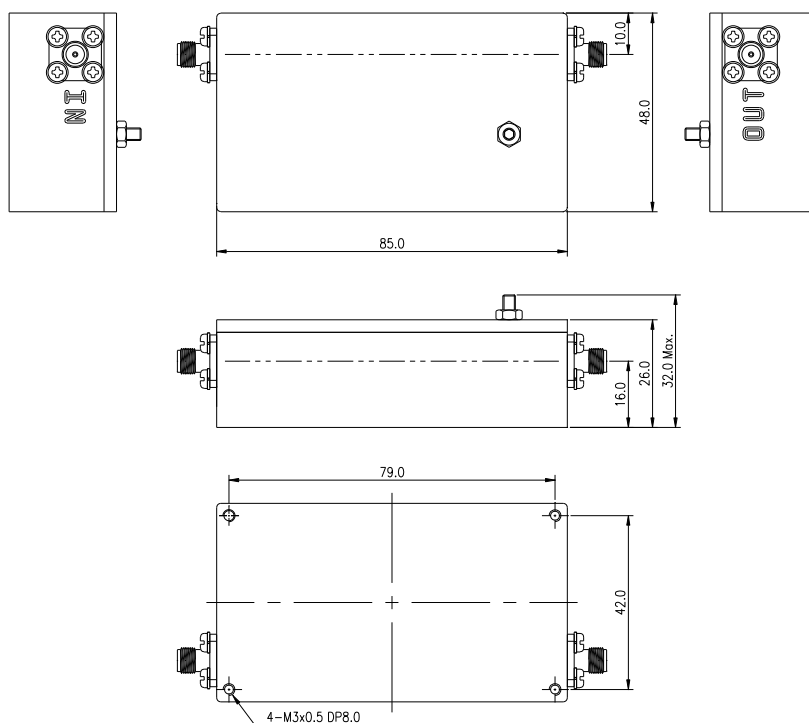
PRELIMINARY SPECIFICATION

Product Name : Cavity Band Pass Filter

Part No : MBP-C2320_40MS-B-R0

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2025.01.15	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Passband	2300~2340 MHz	OK
2. Center Frequency	2320MHz	OK
3. Bandwidth	40MHz	OK
4. Insertion Loss in Passband	1.5dB Max.	OK
5. Return Loss	18dB Min..	OK
6. Rejections	50dB Min.@ 1000~2280MHz	OK
	50dB Min.@ 2380~3000MHz	OK
7. Power Handling	10 W Max	OK
8. In/Out Impedance	50 Ohm	OK
9. Connectors	SMA(F)	OK
10. Dimension [WxDxH]	85.0 x 48.0 x 32.0 mm	OK
11. Operation Temperature	-20 ~ +80 °C	OK
12. IP	IP54	OK
13. Finish	Black Color Epoxy coating	OK

Remarks: This is a preliminary datasheet for reference.

■ Environmental Specification

Parameter	Specification	Remark
1. Operating Temperature Range	-20 ~ +80℃	OK
2. Storage Temperature Range	-20 ~ +80℃	OK
3. Relative Humidity	10~95%	OK
4. Random Vibration	MIL-STD-810F Method 514.5 procedure C1. 3 axes, 20min. per each axis.	OK
5. Dust	MIL 810F Method 510.4 procedure III setting dust	OK
6. Safety requirement	Approved according to UL/CE or similar standards.	OK

■ Simulation Curve

