

PRODUCT SPECIFICATION FOR INFORMATION

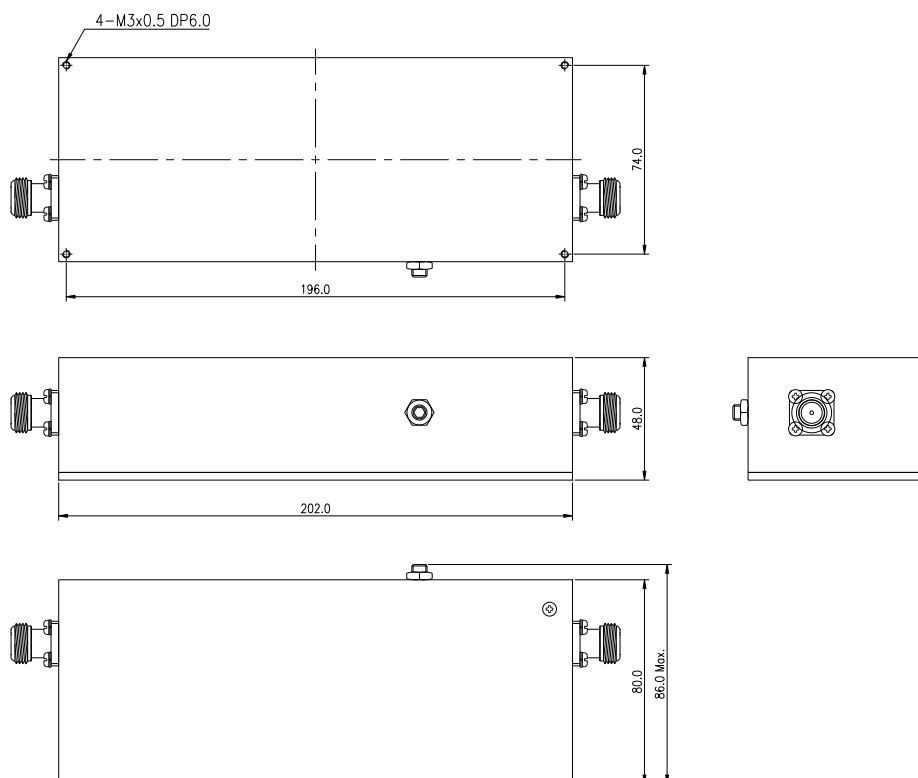
PRELIMINARY SPECIFICATION

Product Name : Cavity Band Pass Filter

Part No : MBP-C447.5_5MN-A-R0

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2026.04.28	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	447.5 MHz	OK
2. Pass Band Frequency	445-450 MHz	OK
3. Insertion Loss	3 dB Max.	OK
4. Ripple	1.0 dB Max.	OK
5. Return Loss	15 dB Min.	OK
6. Rejection [dB]	50 Min. @ 20-350MHz	OK
	70 Min. @ 401-422.5MHz	OK
	65 Min. @ 425-433MHz	OK
	45 Min. @ 435-441MHz	OK
	45 Min. @ 480-750MHz	OK
7. In/Out Impedance	50 Ohm	OK
8. Input Power	CW 50W Max	OK
9. Operation Temperature Range	-10°C ~ +85°C	OK
10. Dimension [W×D×H] [mm]	48.0×202.0×86.0	Proposal
11. Connector	N(f)	OK
12. Finish	Black Painting	OK

Remarks: This is a preliminary datasheet for reference.

■ Simulation Curve

