

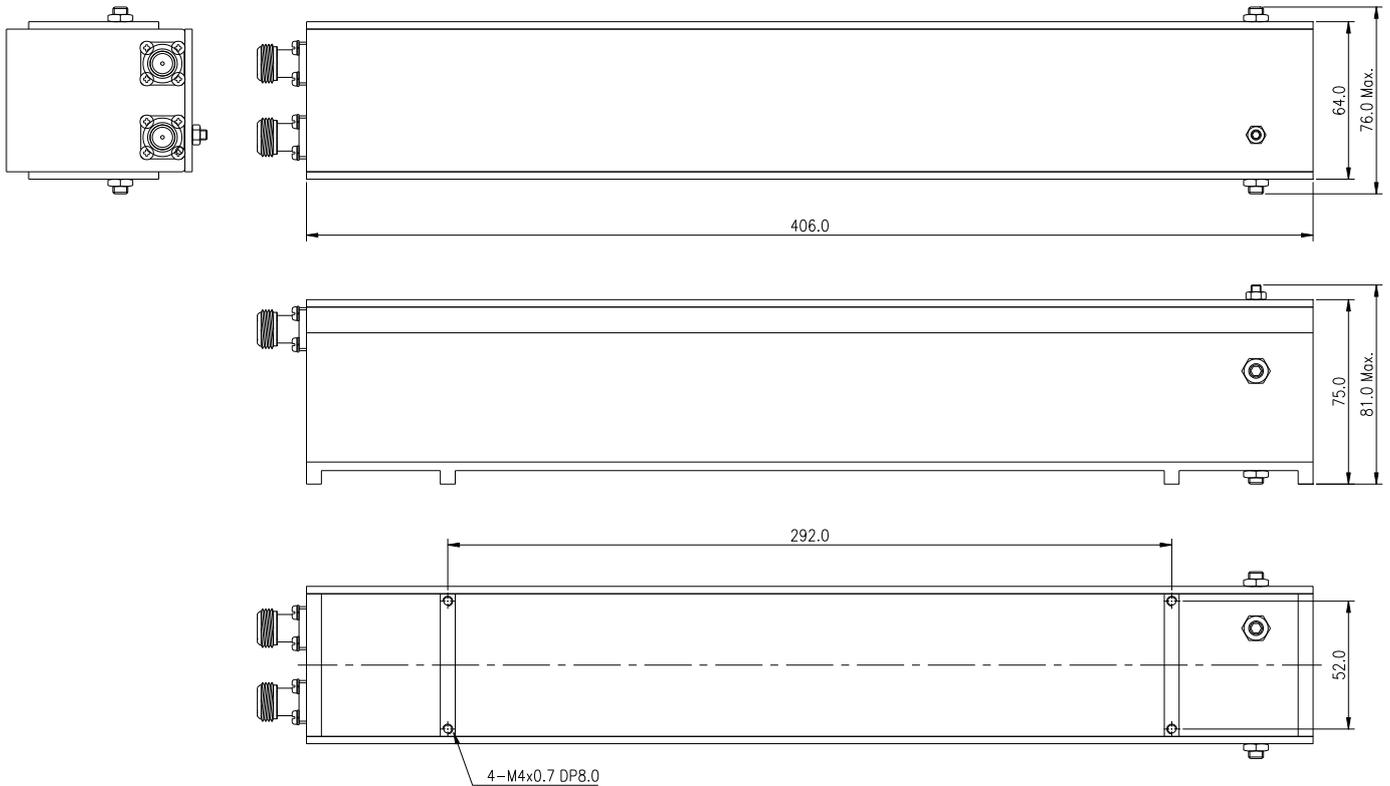
PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

Product Name : 850~894MHz BRF
Part No : MBR-C872-44MR-40N-A-R1

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2025.07.21	Jeffrey Chung	Michael Jeon
2	R1	Change the maximum power	2025.08.07	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Stop band Range	850~894 MHz	OK
2. Pass band Range	DC~840MHz	OK
	903~4000MHz	Proposal
3. Insertion Loss	1.0dB Max.	OK
4. Ripple	1.0dB p-p Max.	OK
5. Return Loss	10dB Min.	Proposal
6. Attenuation	40.0dB Min. @ 850~894MHz	OK
7. Maximum Operating Power	5 W RMS	OK
8. In/Out Impedance	50 Ohm	OK
9. Connectors	N(F)	OK
10. Dimension [WxDxH]	76.0x406.0x81.0 [mm]	Proposal
11. Weight	-	TBD
12. Operating Temperature	-20℃ ~ 85℃	OK
13. Finish	Black Color Epoxy coating	TBD

Remarks: This is a preliminary datasheet for reference.

Simulation Curve

