

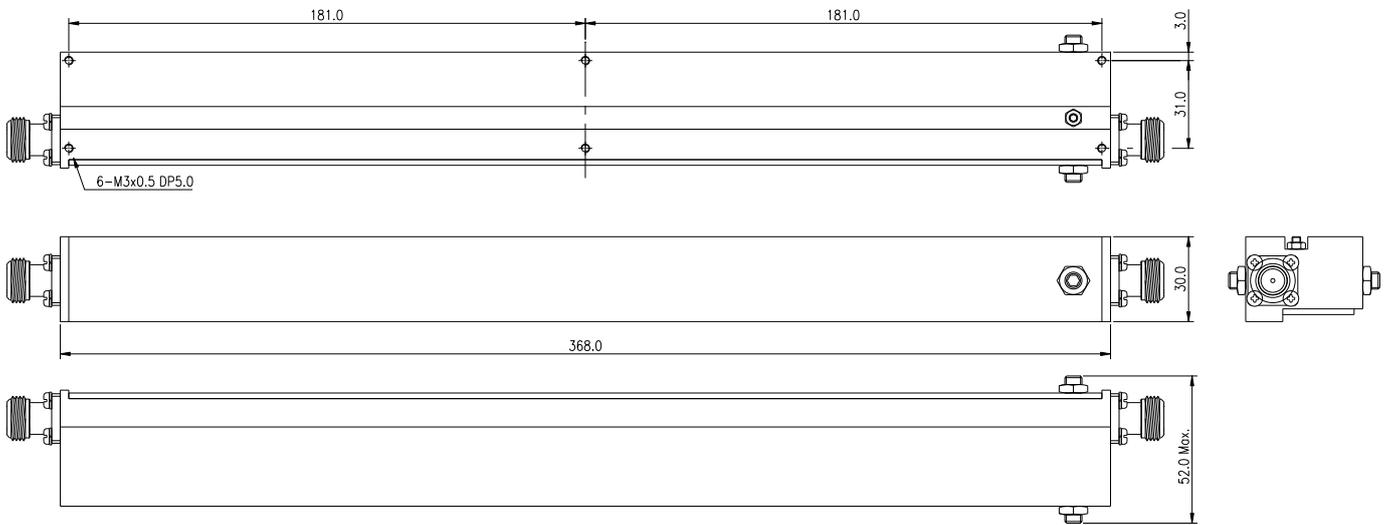
PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

Product Name : 1805~1880MHz BRF
Part No : MBR-C1842.5-75MR-40N-A-R0

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2025.08.07	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Stop band Range	1805~1880 MHz	OK
2. Pass band Range	DC~1750MHz	OK
	1935~ 5500 MHz	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. @ 1805~1880MHz	OK
7. Maximum Operating Power	5 W RMS	OK
8. In/Out Impedance	50 Ohm	OK
9. Connectors	N(F)	OK
10. Dimension [WxDxH]	52.0x368.0x30.0 [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

