

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

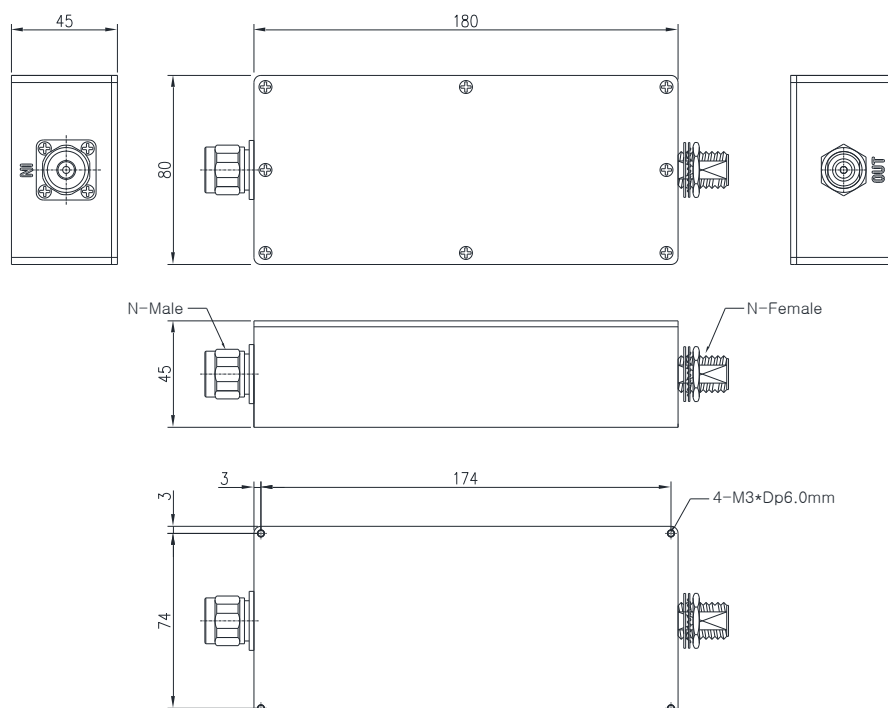
Product Name: Cavity Band Pass Filter

Part No: MBP-C1400_750MN-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2022.09.23	Bryan Jeon	Michael Jeon

■ Mechanical Drawing



Note

1. Connector: N(F)
2. Finish: Powder coating

■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency (Fc)	1400MHz	
2. Bandwidth 1dB	750MHz	
3. Insertion Loss in FC	0.5dB Max.	
4. Ripple in BW	±1dB Max.	
5. Return Loss in BW	15dB Min.	
6. Attenuation	0.5dB Min.@ 1100~1700MHz	
	5dB Min.@ 1000MHz	
	5dB Min.@ 1800MHz	
	20dB Min.@ 800MHz	
	20dB Min.@ 2000MHz	
	50dB Min.@ 600MHz	
	50dB Min.@ 2200MHz	
7. In/Out Impedance	50Ω	
8. Power Handling	1100-1700 MHz : Max 200 Watt Other FRs: Max 20 Watt	
9. Connector	N(f)	
10. Application	Out door	IP67
11. Temperature Range	-30°C to +50°C	

Remarks: This is a preliminary datasheet for reference.

■ Simulation Curve

