

PRELIMINARY SPECIFICATION

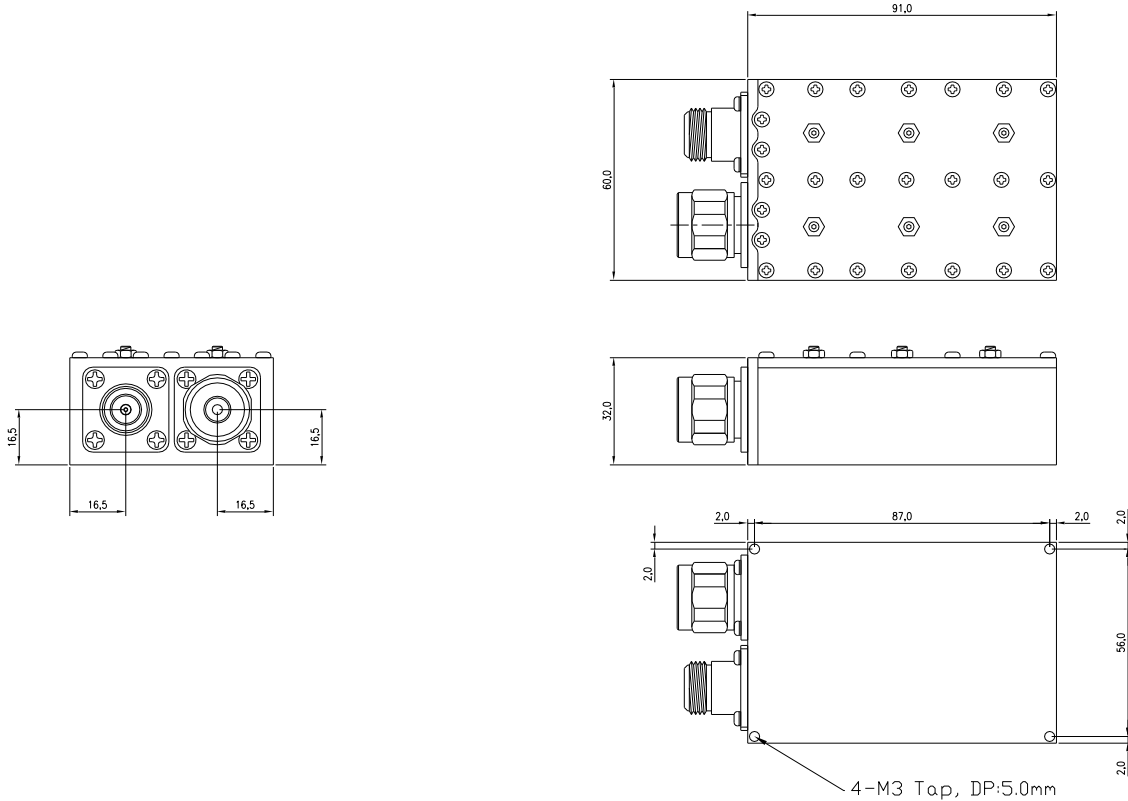
**Product Name : Cavity Band Pass Filter**

**Part No : MBP-C1175\_50MN-A-R1**

.	Rev. No.	Description	Date	Author	Final Approver
1	A	Draft	2021.07.08	Bryan Jeon	Michael Jeon
2	-	Added filter weight.	2021.07.13	Bryan Jeon	Michael Jeon

## PRODUCT SPECIFICATION FOR INFORMATION

### ■ Mechanical Drawing



#### Note

- 1.Connector : In-N(f) , Out-N(m)
- 2.Finish :Black Epoxy coating
- 3.Weight : Appx. 700g

### ■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	1175MHz	
2. Frequency Range	1150~1200MHz	
3. Insertion Loss	1.0dB Max.	Pass Band
4. Ripple	0.8dB Max.	Pass Band
5. Return Loss	18dB Min.	Pass Band
6. Rejection	DC~1050MHz	100dB Min.
	1325 ~ 3000MHz	100dB Min.
7.Connector	Input Port	N-Type Female
	Output Port	N-Type Male
8. Size	91.0X60.0X32.0mm	Exclude T/S
9. Input RF Power	1W Max.	
10.Impedance	50 Ω	
11. Operation Temperature Range	-10°C to +60°C	

Remarks: This is a preliminary datasheet for reference. The final performance is subject to the sample.

## ■ Simulation Curve

