PRELIMINARY SPECIFICATION

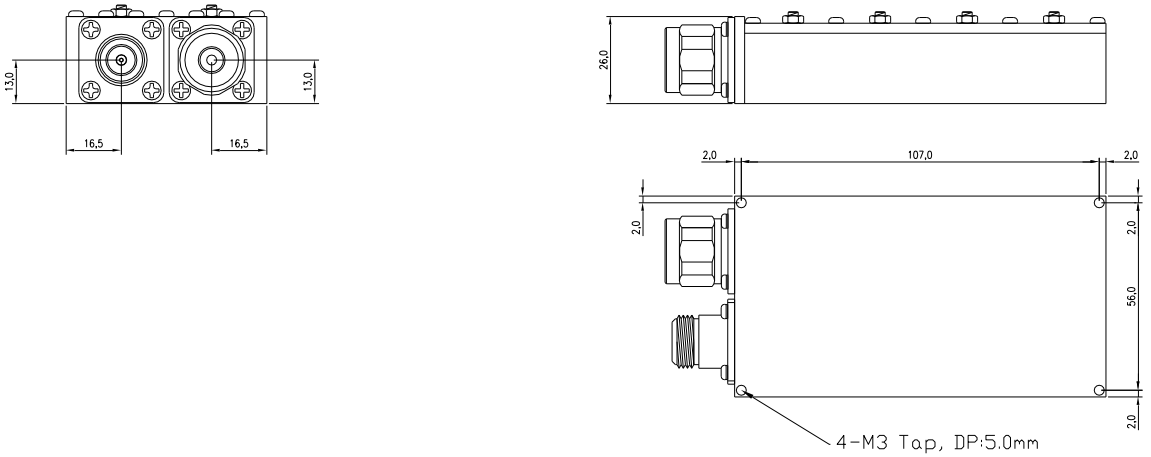
Product Name : Cavity Band Pass Filter

Part No : MBP-C2512.5_75MN-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. 750g

■ Electrical Specification

Parameter		Specification	Remark
1. Center Frequency		2512.5MHz	
2. Frequency Range		2475~2550MHz	
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~2400MHz	100dB Min.	
	2625 ~ 3000MHz	100dB Min.	
7.Connector	Input Port	N-Type Female	
	Output Port	N-Type Male	
8. Size		111.0X60.0X26.0 mm	Exclude T/S
9. Input RF Power		1W Max.	
10.Impedance		50 Ω	
11. Operation Temperature Range		-10℃ to +60℃	

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

■ Simulation Curve