

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

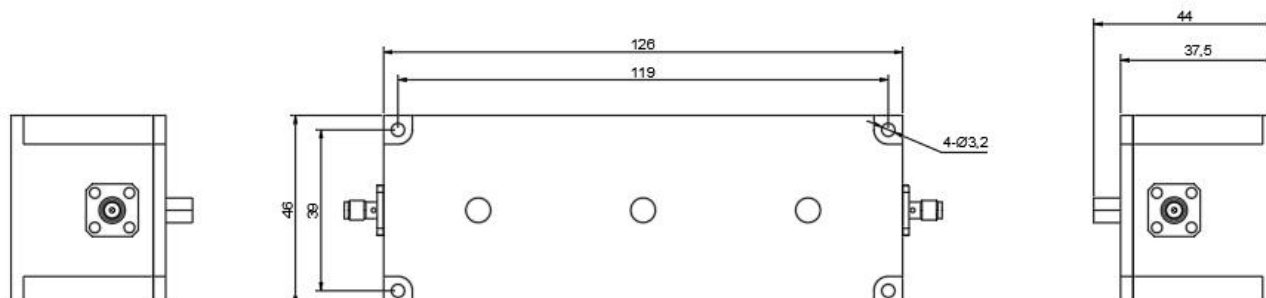
Product Name: Band Pass Filter

Part No: MBP-C655.5_3MS-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2022.12.08	Bryan Jeon	Michael Jeon

■ Mechanical Drawing



Note

1. Connector: SMA(F)
2. Finish: Black Epoxy Painting

■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency [fo]	655.5MHz	
2. Bandwidth [3dB BW]	$F_c \pm 1.5\text{MHz}$ [654~657MHz]	
3. Insertion Loss in fo	1.0dB Max.	
4. Ripple in BW	0.8dB Max.	
5. VSWR in BW	1.4:1 Max.	
6. Attenuation	50dB Min.@ 10~600MHz	
	50dB Min.@ 700~2500MHz	
7. In/Out Impedance	50Ω	
8. Power Handling	30W	CW
9. Connector	SMA(f)	
10.Dimension	48.0x126.0x44.0mm	
11. Temperature Range	-10°C to +70°C	
12. Relative Humidity	10%~95%	
13. Random Vibration	MIL-STD-810 F Method 514.5 procedure C1. 3 axes , 20 min. per each axis.	
14. Shock	20g, 11msec half saw tooth, Design to meet.	
15. Dust	MIL 810F Method 510.4 Procedure III settling dust Safety requirement: approved according to UL/CE or similar standards	

Remarks: This is a preliminary datasheet for reference.

■ Simulation Curve

