

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

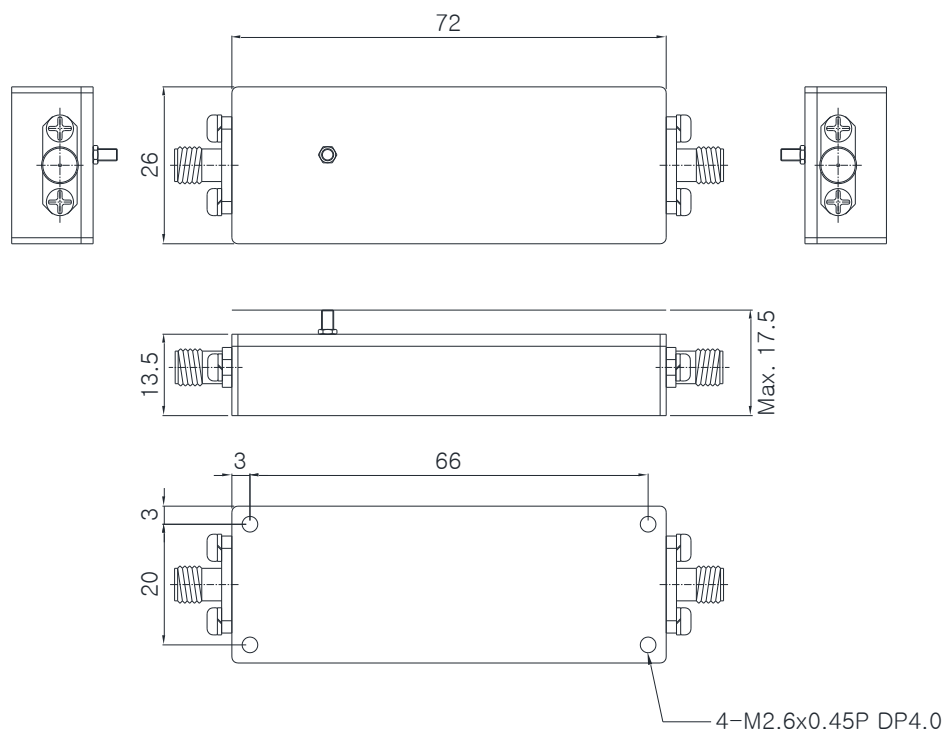
Product Name: Band Pass Filter

Part No: MBP-C8500_700MS-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2022.09.05	Bryan Jeon	Michael Jeon

■ Mechanical Drawing



Note

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

■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	8500MHz	
2. Bandwidth	$F_c \pm 350\text{MHz}$ [8150~8850MHz]	
3. Insertion Loss in BW	3.0dB Max.	
4. Ripple in BW	0.8dB Max.	
5. Return Loss in BW	15dB Min.	
6. Attenuation	80dBc Min.@ 7850MHz	
	40dBc Min.@ 8050MHz	
	40dBc Min.@ 8950MHz	
	80dBc Min.@ 9150MHz	
7. In/Out Impedance	50Ω	
8. Power Handling	30dBm	
9. Connector	SMA(f)	
10.Dimension	75.0x115.0x36.0mm	
11. Temperature Range	-30°C to +70°C	

Remarks: This is a preliminary datasheet for reference.

Simulation Curve

