

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

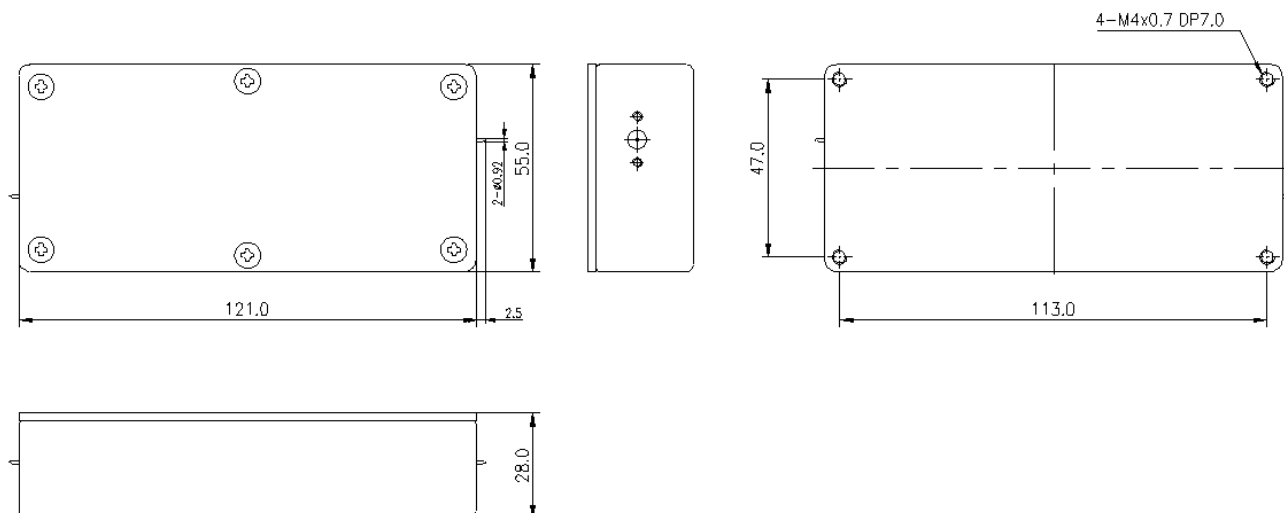
Product Name : Cavity Band Pass Filter

Part No : MBP-C4742.5_125MB-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2023.04.21	Jeffrey Jeong	Michael Jeon
2					
3					
4					
5					
6					

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	4742.5MHz	
2. Bandwidth	125MHz [4680 ~ 4850MHz]	
3. Insertion Loss[100% BW]	10dB Max.	
4. Insertion Loss[90% BW]	5.0dB Max.	
5. Ripple[90% BW]	5dB Max.	
6. V.S.W.R.	1.5 : 1 Max	
7. Attenuation	45dB Min @ 3000MHz 45dB Min @ 4670MHz 40dB Min @ 4825MHz 45dB Min @ 6000MHz	
10. Power Handling Avg, Peak	30dBm Max.	
12. In/Out Impedance	50Ω	
13. Temperature Range	-40°C ~ +85°C	
14. Dimension[WxDxH]	55.0 X 121.0 X 28.0mm Max	

※It is subjected to change with prior notice.

■ Simulation Curve

