

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

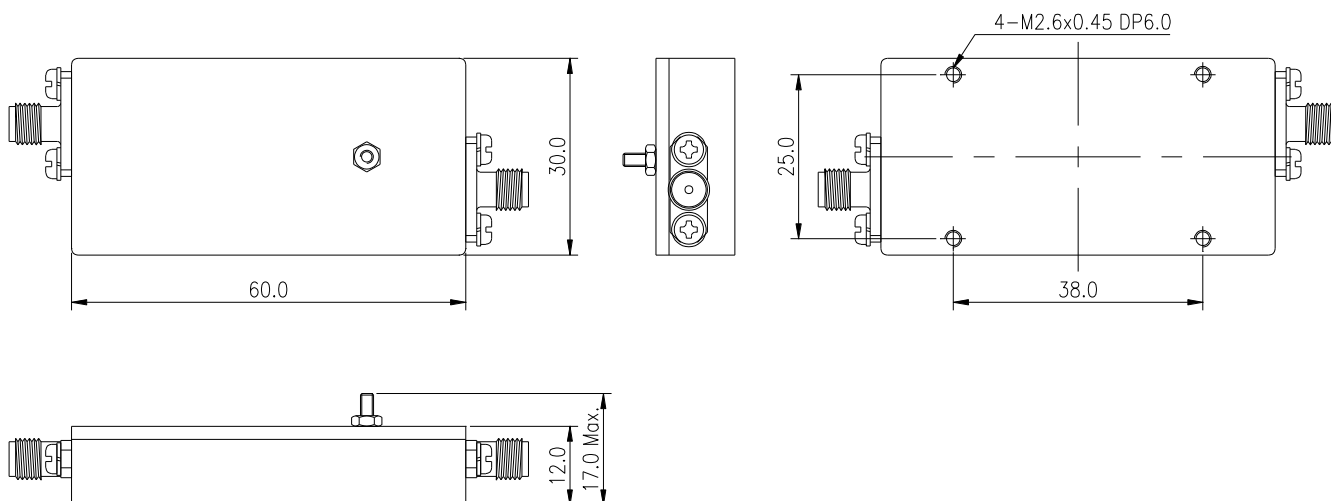
Product Name : Cavity Band Pass Filter

Part No : MBP-C10.05G_100MS-A-R1

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2023.04.05	Jeffrey Jeong	Michael Jeon
2	R1	Added Altitude 40K Ft	2023.04.17	Jeffrey Jeong	Michael Jeon
3					
4					
5					
6					

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	10.05MHz	
2. Bandwidth	100MHz	
3. Insertion Loss in BW	1.4dB Max.	Proposed
4. Ripple in BW	0.3dB Max.	
5. V.S.W.R.	1.2 : 1 Max	
6. Attenuation	80dB Min @ 10.3 ~ 11GHz 70dB Min @ 7.6 ~ 9GHz 70dB Min @ 15GHz	
7. Power Handling Avg	33dBm Max.	
8. In/Out Impedance	50Ω	
9. Temperature Range	-55°C ~ +85°C	
10. Altitude	40,000Ft	
10. Dimension[WxDxH]	60.0 X 30.0 X 17.0mm Max	
11. Connectors	SMA(F)	
12. Finish	Black	

※It is subjected to change with prior notice.

■ Simulation Curve

