

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

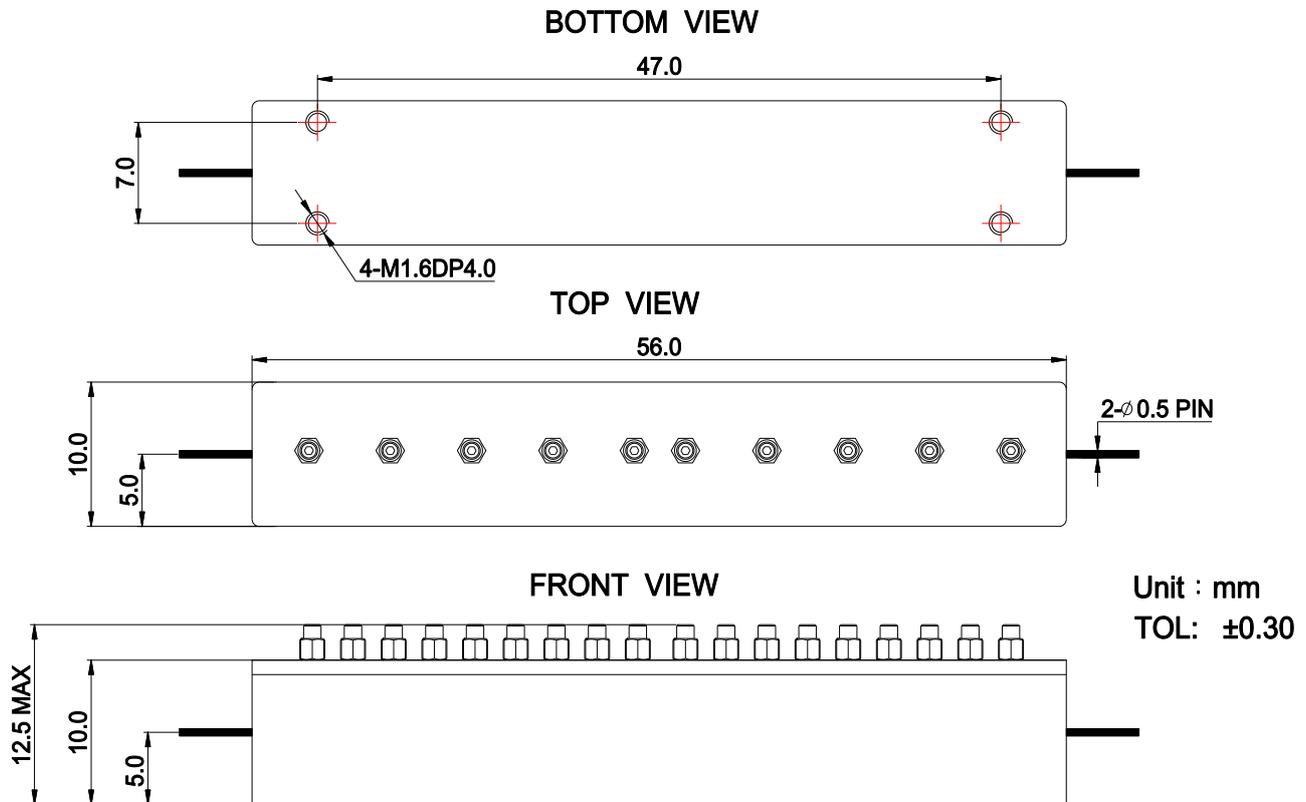
Product Name : Cavity Band Pass Filter

Part No : MBP-C9295.5_500MB-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2025. 11. 12.	Jeffrey Jeong	Michael Jeon
2					
3					
4					
5					
6					

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	9295.5MHz	
2. Bandwidth	500MHz [9045.5 ~ 9545.5MHz]	
3. Insertion Loss in BW	1.5dB Max.	
4. Ripple in BW	1.0dB Max.	
5. Return Loss in BW	15dB Min.	
6. Attenuation[Relative Value]	40dBc min @ DC ~ 8800MHz 40dB min @ 9750 ~ 20000MHz	
7. Power Handling Avg	30dBm Max	
8. In/Out Impedance	50Ω	
9. Temperature Range	-45°C ~ +85°C	
10. Dimension[WxDxH]	56.0 X 10.0 X 12.5mm Max	

Note : The recommended soldering temperature does not exceed 220°C

Simulation Curve

