

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

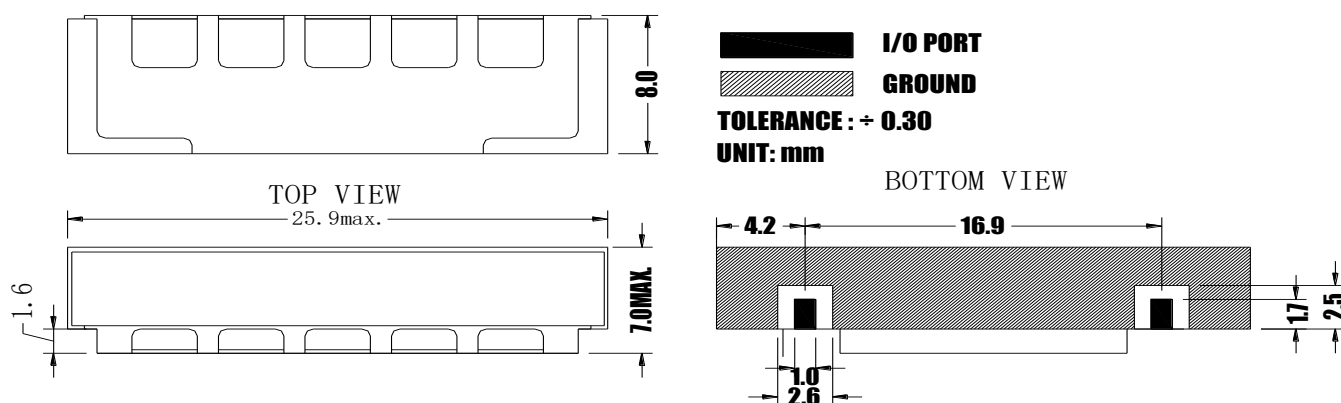
Product Name : Ceramic Band Pass Filter

Part No : MBP-C3950_500MM-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.04.08.	Jeffrey Jeong	Michael Jeon
2					
3					
4					
5					
6					

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	3950MHz	
2. Bandwidth	500MHz [3700 ~ 4200MHz]	
3. Insertion Loss in BW	1.2dB Max.	
4. Ripple in BW	0.5dB Max.	
5. Return Loss in BW(S11, S22)	14dB Min.	
6. Attenuation[Absolute Value]	55dB min @ 1 ~ 2700MHz 43dB min @ 2701 ~ 3400MHz 43dB min @ 4600 ~ 6000MHz	
7. Power Handling	8W Avg, 80W(Peak) Max	
8. In/Out Impedance	50Ω	
9. Operating Temp Range	-40°C ~ +85°C	
10. Dimension[WxDxH]	25.9 X 7.0 X 8.0mm ± 0.3 Max	

※It is subjected to change with prior notice.