

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

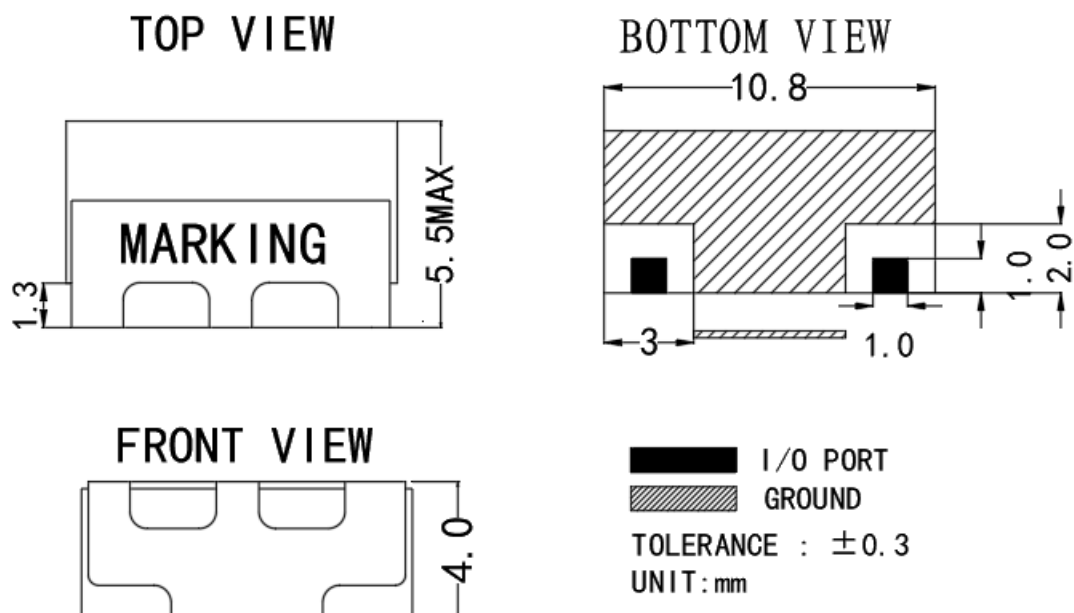
Product Name : Ceramic Band Pass Filter

Part No : MBP-C5500_50MM-A-R1

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.10.14.	Jeffrey Jeong	Michael Jeon
2	R1	30dB min @ 4500 ~ 5000MHz	2024.10.18.	Jeffrey Jeong	Michael Jeon
3					
4					
5					
6					

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	5500MHz	
2. Bandwidth	50MHz [5475 ~ 5525MHz]	
3. Insertion Loss in BW	2.0dB Max.	
4. Ripple in BW	1.0dB Max.	
5. V.S.W.R. in BW	1.4 : 1 Max	
6. Attenuation[Absolute Value]	30dB min @ 4500 ~ 5000MHz 45dB min @ 6000 ~ 8500MHz	
7. Power Handling	30dBm Max.	
8. In/Out Impedance	50Ω	
9. Operating Temp Range	-40°C ~ +85°C	
10. Dimension[WxDxH]	10.80 X 5.50 X 5.5mm ±0.3 Max	

※It is subjected to change with prior notice.

■ Simulation Curve

