

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

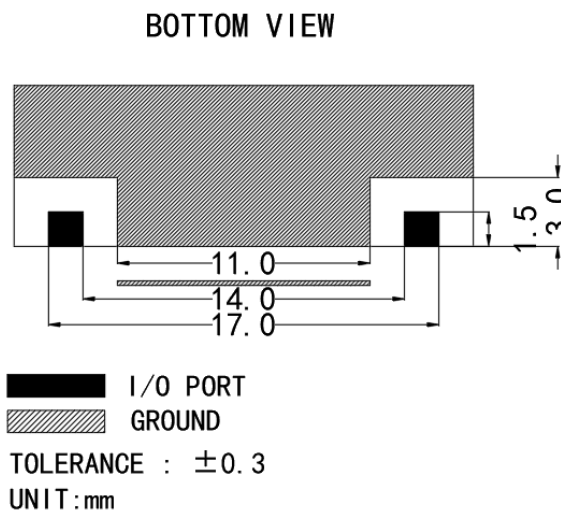
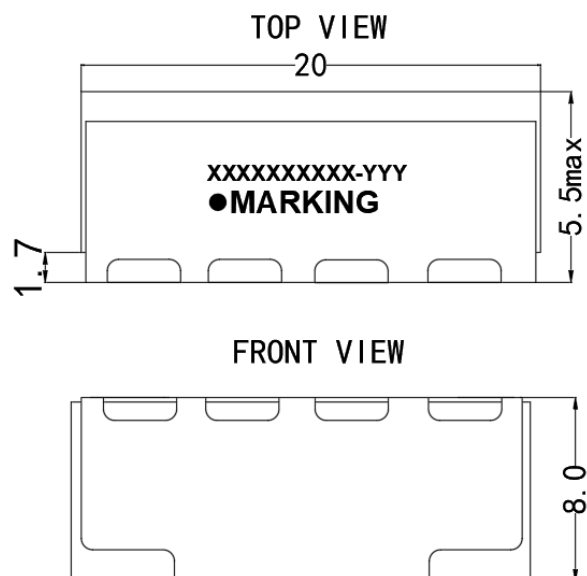
Product Name : Ceramic Mono Band Pass Filter

Part No : MBP-C5550_900MM-B-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2025.10.30.	Jeffrey Jeong	Michael Jeon
2					
3					
4					
5					
6					

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	5550MHz	
2. Bandwidth	900MHz [5100 ~ 6000MHz]	
3. Insertion Loss in BW	0.7dB Max.	
4. Ripple in BW	0.5dB Max.	
5. Return Loss in BW	14dB Min.	
6. Attenuation[Relative Value]	40dB min @ DC ~ 3800MHz 40dB min @ 3800 ~ 4000MHz 30dB min @ 6500MHz	
7. Power Handling Avg	10W Avg., 50W Peak	
8. In/Out Impedance	50Ω	
9. Temperature Range	-35°C ~ +85°C	
10. Dimension[WxDxH]	20.0 X 5.5 X 8.0mm Max	

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

■ Simulation Curve

