

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

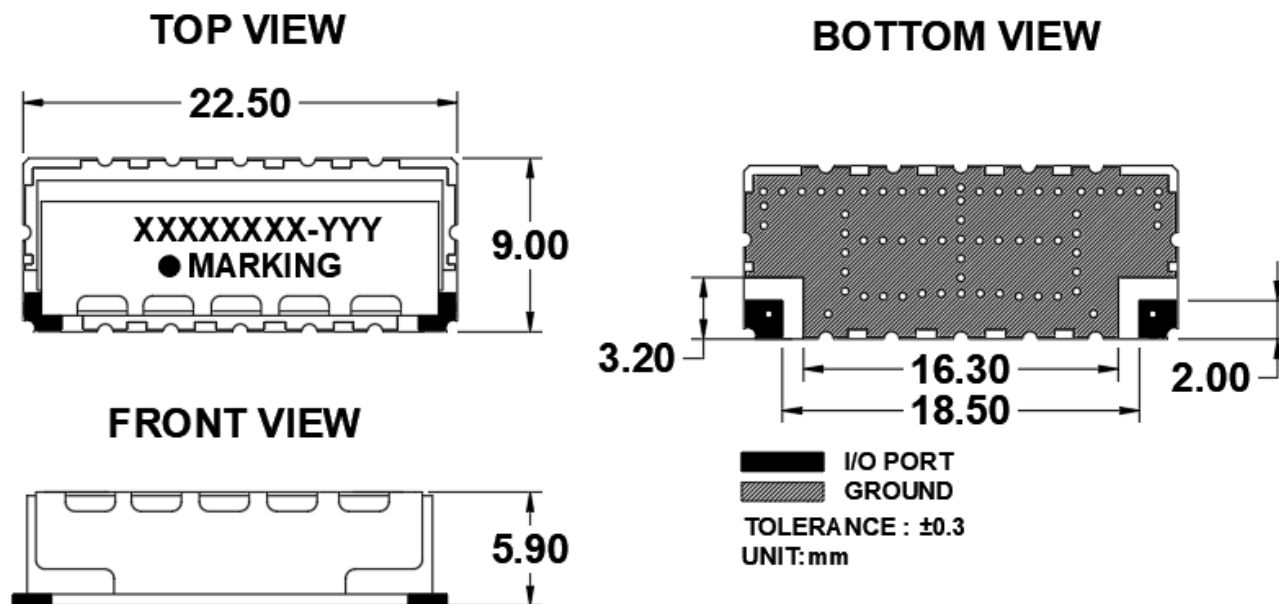
Product Name : Ceramic Band Pass Filter

Part No : MBP-C3550_500MM-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.10.15.	Jeffrey Jeong	Michael Jeon
2					
3					
4					
5					
6					

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	3550MHz	
2. 5MHz Average Bandwidth	500MHz [3300 ~ 3800MHz]	
3. Insertion Loss in BW	2.0dB Max.	
4. Ripple in BW	1.0dB Max.	
5. V.S.W.R. in BW	1.8 : 1 Max	
6. Attenuation[Absolute Value]	43dB min @ 2700 ~ 3000MHz 43dB min @ 4200 ~ 6000MHz 55dB min @ DC ~ 2700MHz	
7. Power Handling	Avg 8W, 80W Peak Max.	
8. In/Out Impedance	50Ω	
9. Operating Temp Range	-45°C ~ +85°C	
10. Storage Temp Range	-55°C ~ +85°C	
14. Dimension[WxDxH]	22.50 X 9.0 X 5.9mm ±0.3 Max	

※It is subjected to change with prior notice.

■ Simulation Curve

