

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

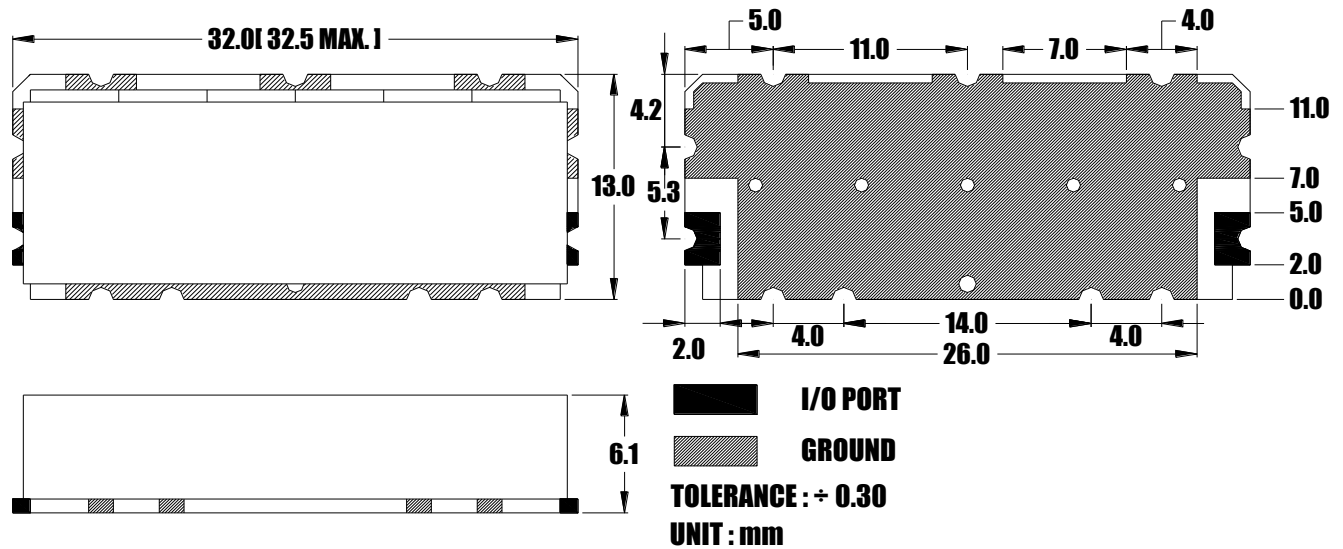
Product Name : Ceramic Band Pass Filter

Part No : MBP-C3100_400MC-A-R1

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.07.28.	Jeffrey Jeong	Michael Jeon
2	R1	PCB Land Pattern changed	2024.11.22.	Jeffrey Jeon	Michael Jeon
3					
4					
5					
6					

■ Mechanical Drawing

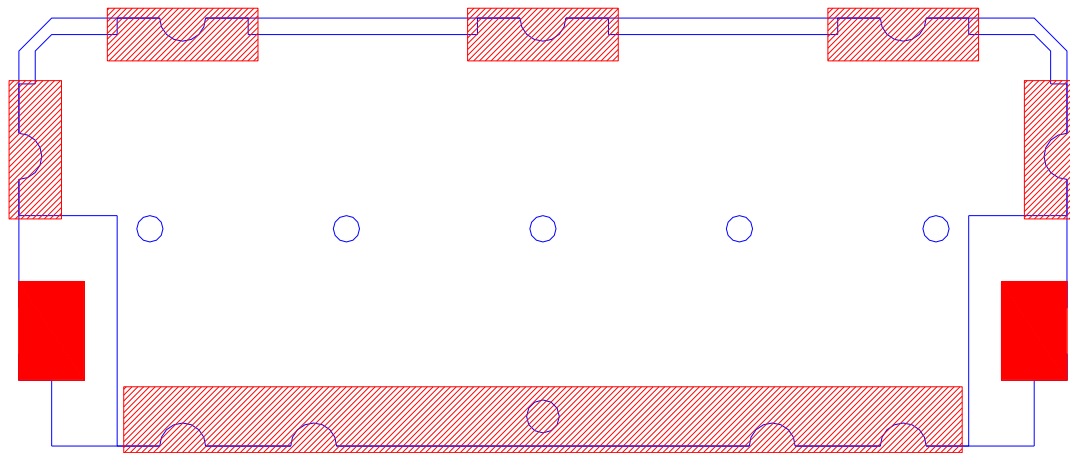


■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	3100MHz	
2. Bandwidth	400MHz [2900 ~ 3300MHz]	
3. Insertion Loss in BW	1.5dB Max.	
4. Ripple in BW	0.2dB Max.	
5. V.S.W.R. in BW	1.5 : 1 Max	
6. Attenuation[Absolute Value]	60dB min @ 2000MHz 60dB min @ 4000MHz	
7. Power Handling	30dBm Max.	
8. In/Out Impedance	50Ω	
9. Operating Temp Range	-40°C ~ +85°C	
10. Dimension[WxDxH]	32.0 X 13.0 X 6.1mm ± 0.3 Max	

※It is subjected to change with prior notice.

■ Recommended PCB land pattern



 **GROUND SOLDERING POINT**
 **IN/OUT PORT SOLDERING POINT**