

PRODUCT SPECIFICATION FOR INFORMATION

FINAL SPECIFICATION

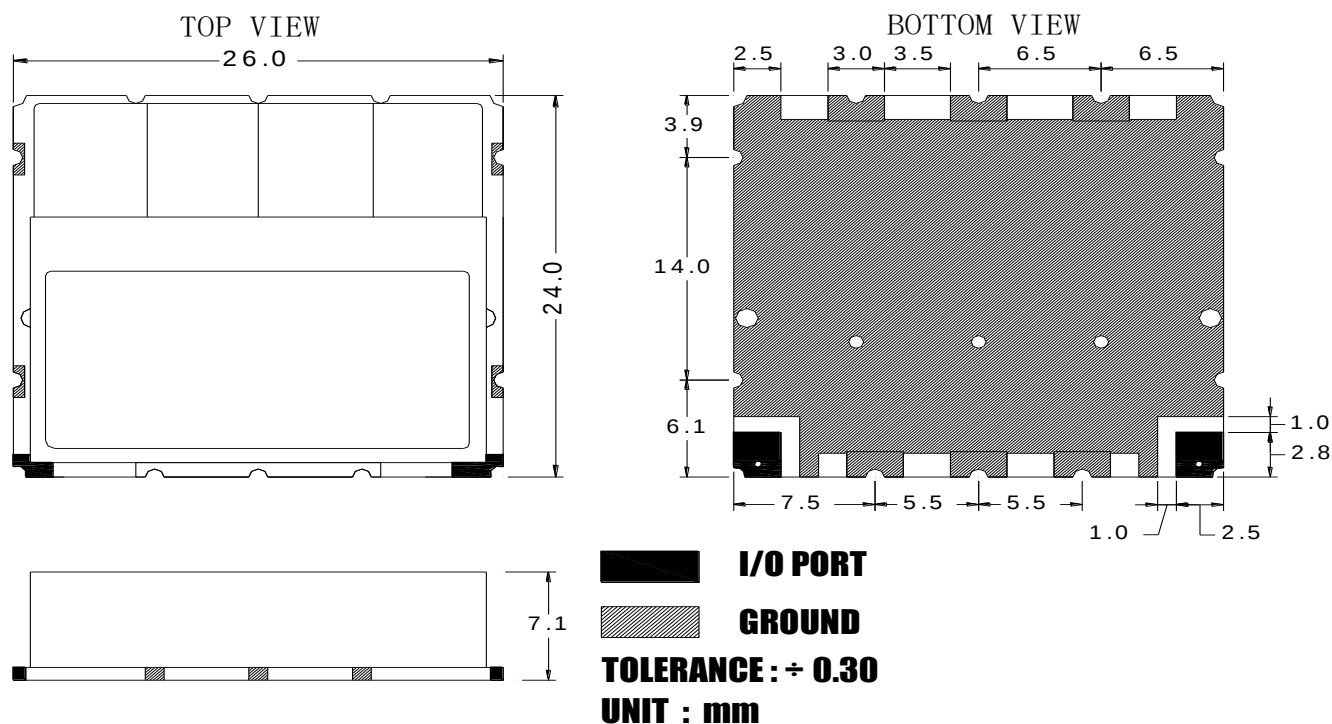
Product Name : Ceramic Band Pass Filter

Part No : MBP-C409_4MC-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.06.24.	Jeffrey Jeong	Michael Jeon
2					
3					
4					
5					
6					

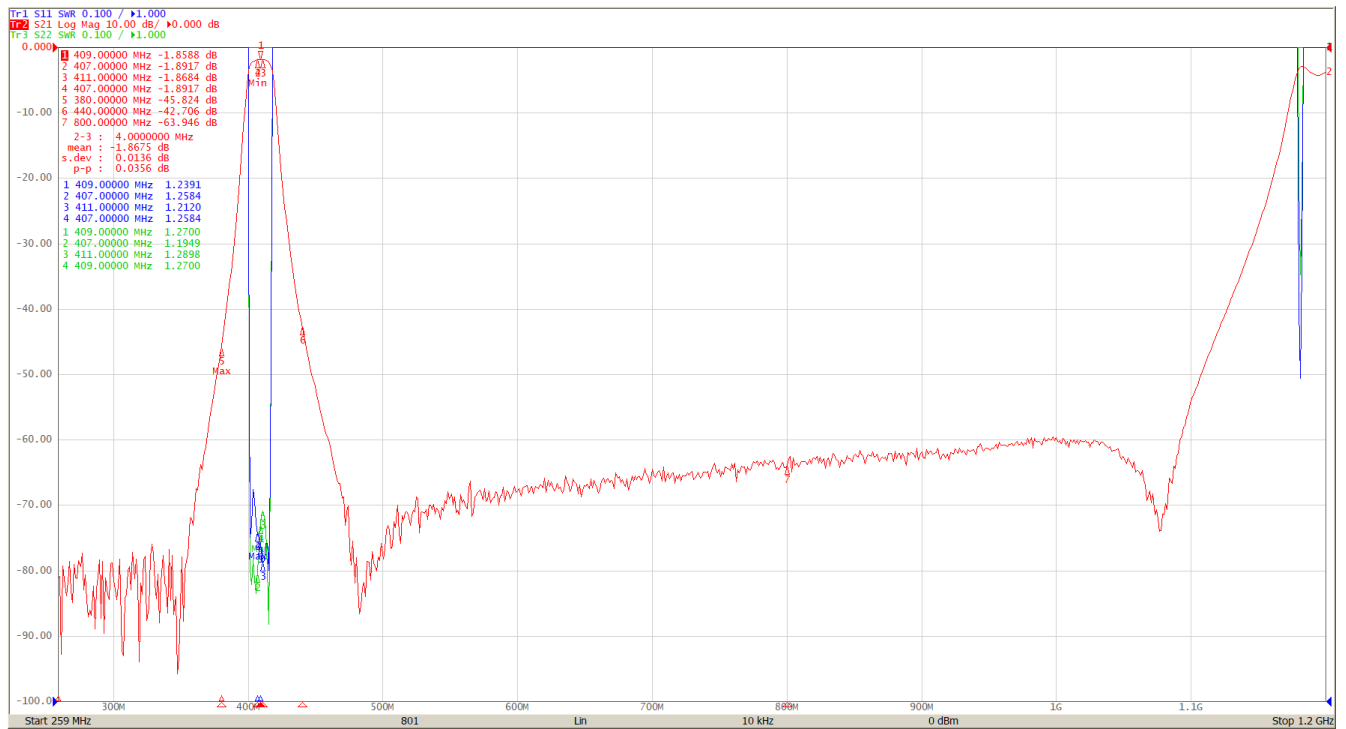
Mechanical Drawing



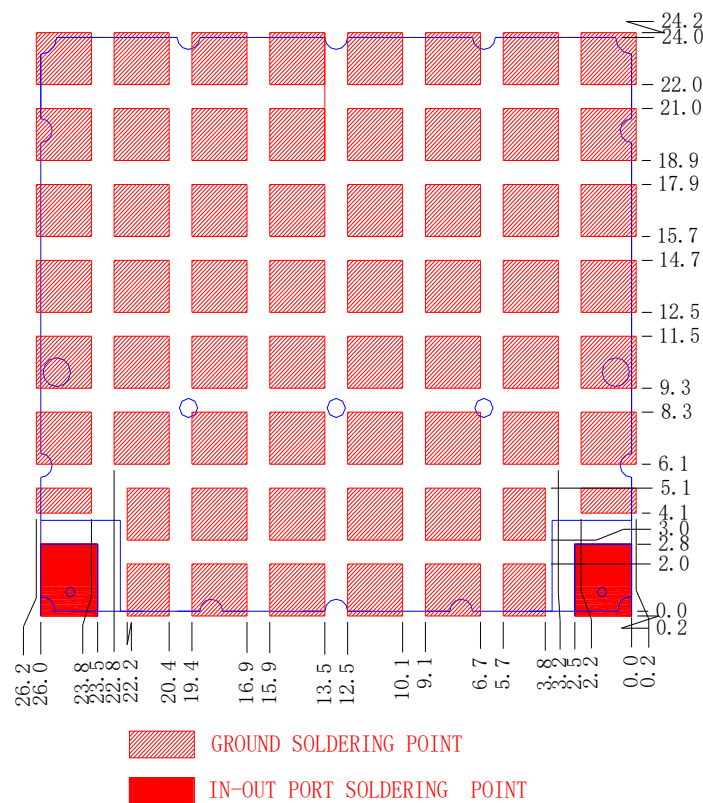
Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	409MHz	
2. Bandwidth	4MHz [407 ~ 411MHz]	
3. Insertion Loss in BW	5.0dB Max.	
4. Ripple in BW	1.0dB Max.	
5. V.S.W.R. in BW	1.5 : 1 Max	
6. Attenuation[Absolute Value]	40dB min @ DC ~ 380MHz 40dB min @ 440MHz 60dB min @ 800MHz	
7. Power Handling	30dBm Max.	
8. In/Out Impedance	50Ω	
9. Operating Temp Range	-40°C ~ +85°C	
10. Storage Temp Range	-40°C ~ +85°C	
11. Dimension[WxDxH]	26.0 X 24.0 X 7.1mm ± 0.3 Max	

Test Curve



Recommended PCB land pattern



■ Recommended Soldering Profile

