

PRODUCT SPECIFICATION FOR INFORMATION

FINAL SPECIFICATION

Product Name : LC Band Pass Filter

Part No : MBP-C1639.5_421ML-A-R0

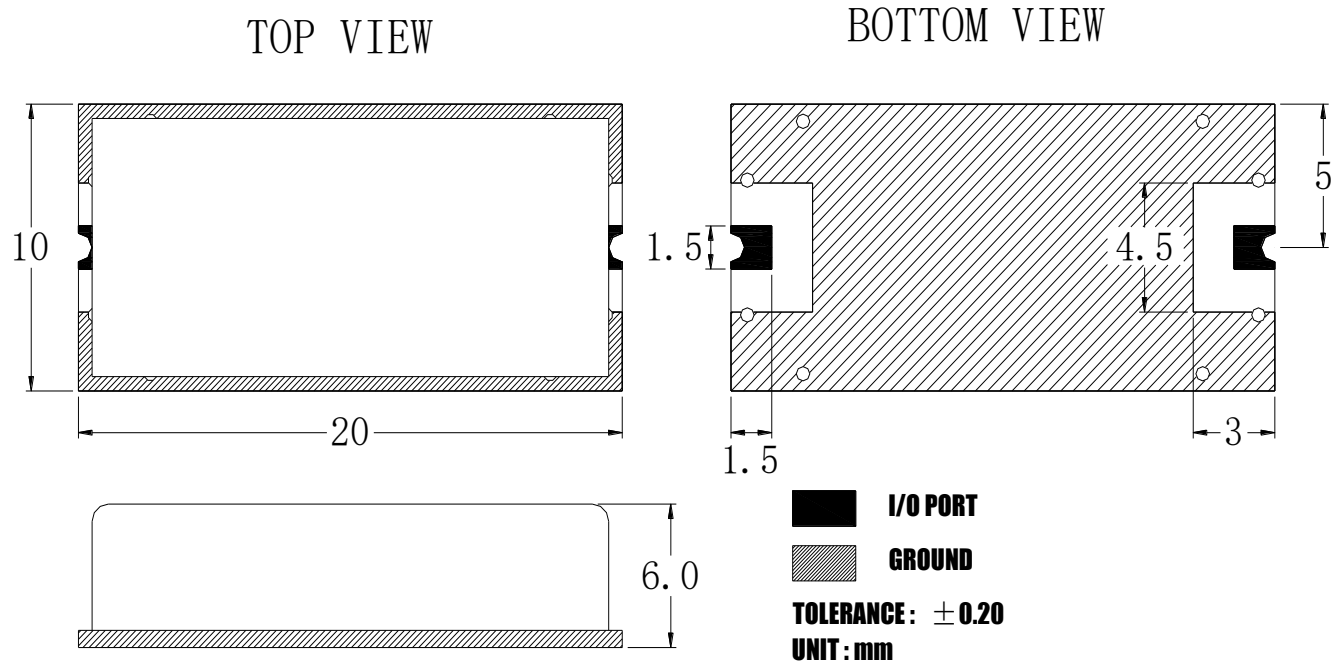
RoHS Compliant

MSL : Level 3

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.05.24.	Jeffrey Jeong	Michael Jeon
2					
3					
4					
5					
6					

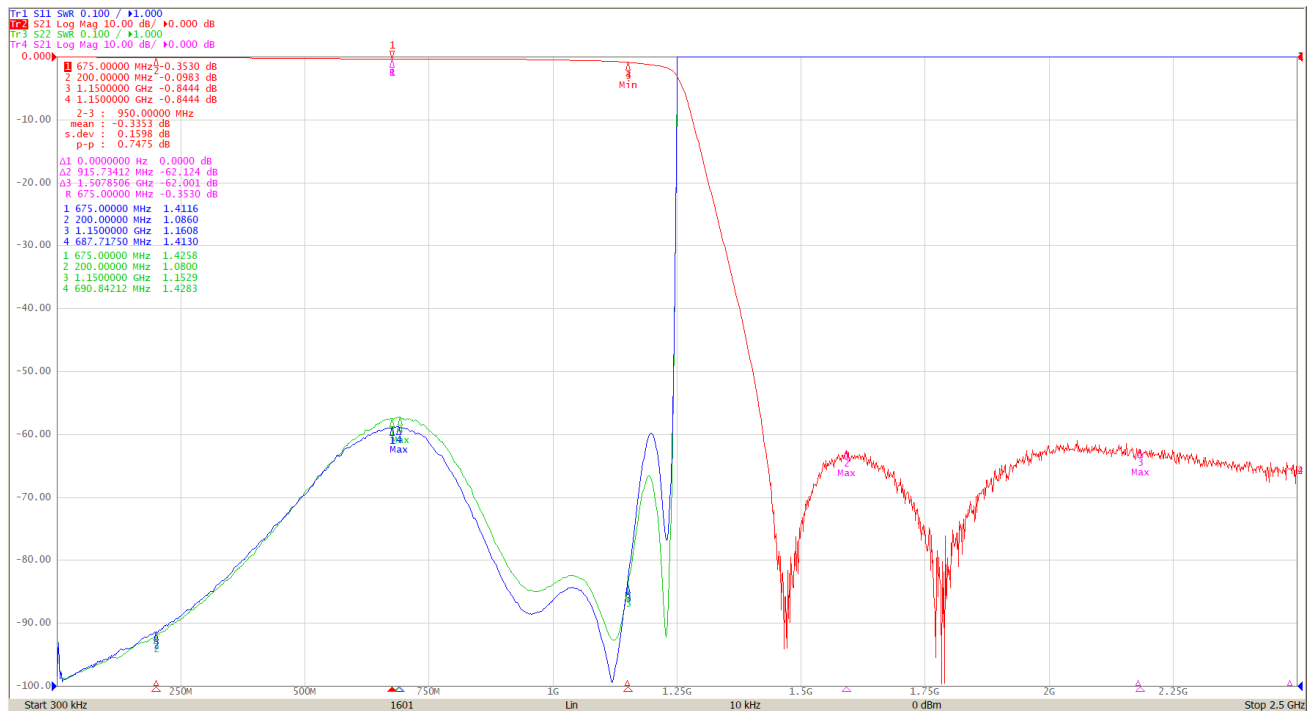
■ Mechanical Drawing



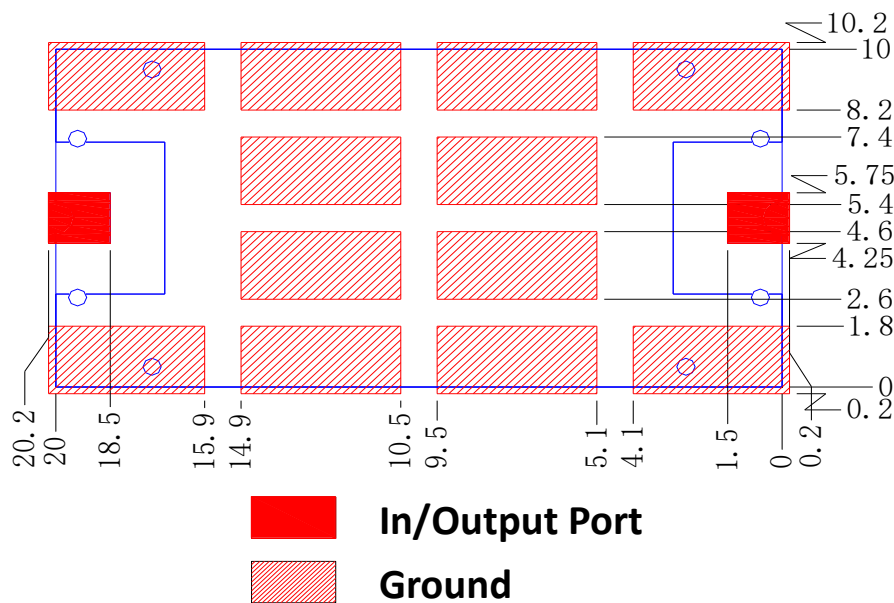
■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	1639.5MHz	
2. Bandwidth	421MHz [1429 ~ 1850MHz]	
3. Insertion Loss in BW	3.0dB Max.	
4. Ripple in BW	1.0dB Max.	
5. V.S.W.R. in BW	1.5 : 1 Max	
6. Attenuation[Relative Value]	60dBc min @ 200 ~ 1150MHz 60dBc min @ 2180 ~ 2485MHz	
7. Power Handling	30dBm Max.	
8. In/Out Impedance	50Ω	
9. Operating Temp Range	-40°C ~ +85°C	
10. Dimension[WxDxH]	10.0 X 20.0 X 6.0mm ± 0.2 Max	

Test Curve



Recommended PCB Land Pattern



■ Recommended Soldering Profile

