

PRODUCT SPECIFICATION FOR INFORMATION

FINAL SPECIFICATION

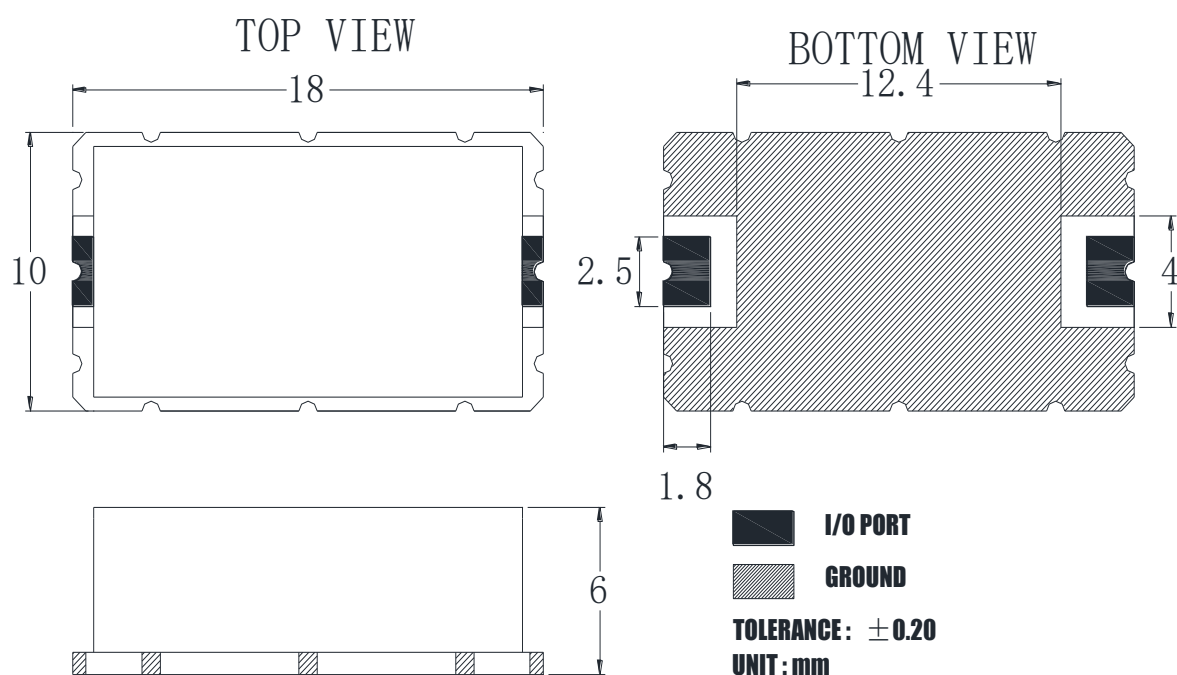
Product Name : LC Band Pass Filter

Part No : MBP-C1750-500ML-A-R1

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2023.02.06	Jeffrey Jeon	Michael Jeon
2	R1	PCB Size Changed	2023.02.13	Jeffrey Jeon	Michael Jeon
3		Passband Ripple changed from 1.0dB to 2.5dB	2024.01.22	Jeffrey Jeon	Michael Jeon
4					
5					
6					

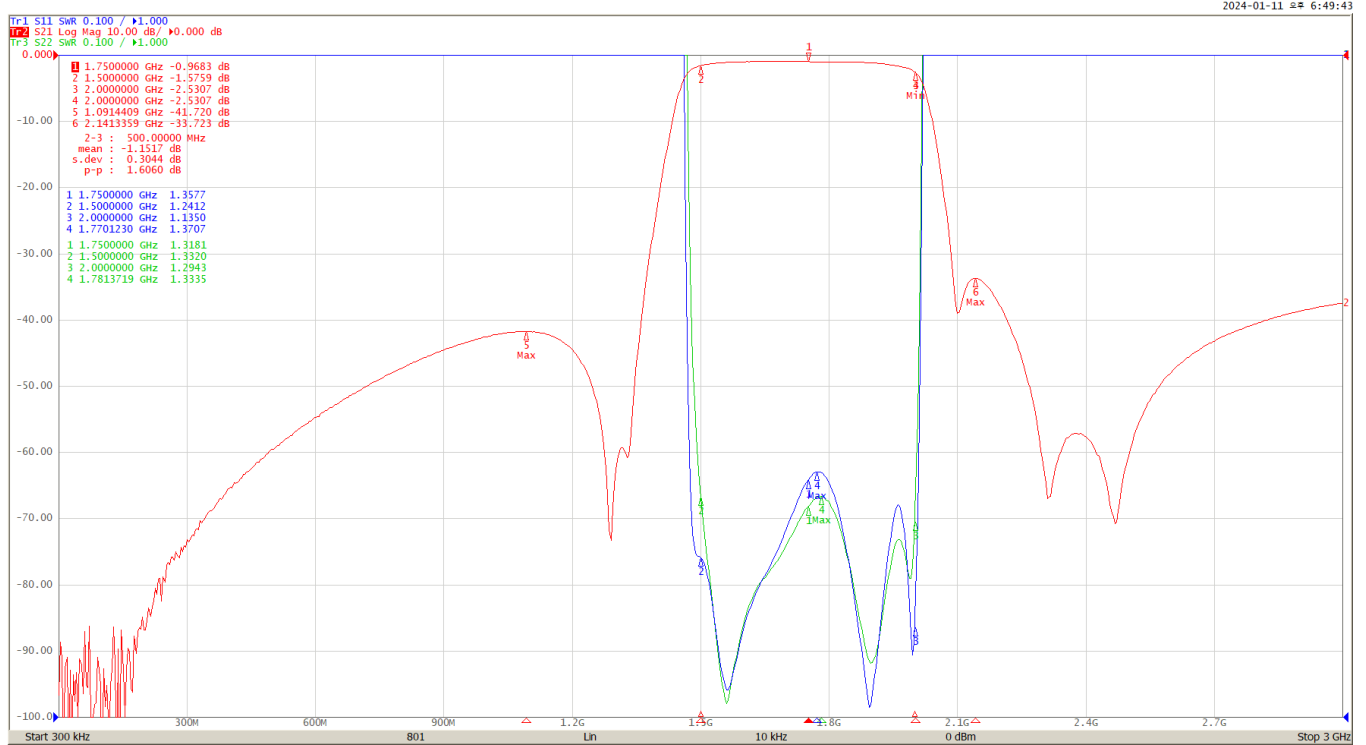
■ Mechanical Drawing



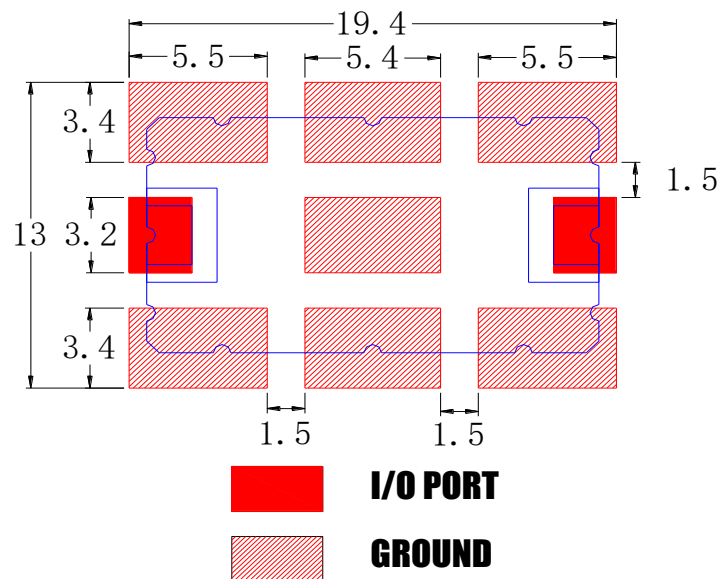
■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	1750MHz	
2. Frequency Range	Fo ± 250 [1500 ~ 2000]MHz	
3. Insertion Loss	3.0dB Max.	
4. Passband Ripple	2.5dB Max.	
5. VSWR	1.5 : 1 Max.	
6. Rejection	30dB Min @ DC ~ 1300MHz 30dB Min @ 2100 ~ 3000MHz	
7. Power Handling	1W Max	
8. Impedance	50 Ω	
9. Size	18.0 X 10.0 X 6.0mm	

Test Curve



Recommended PCB Land Pattern



※Recommended using the solder paste of 183°C melting temperature