

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

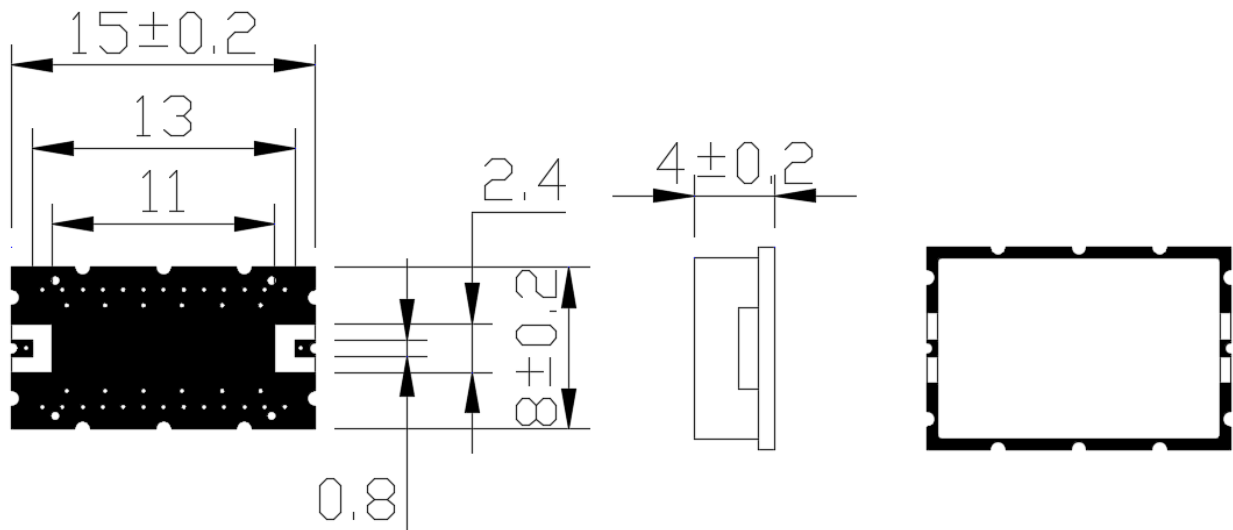
Product Name : LC Band Pass Filter

Part No : MBP-C3100_400ML-A-R1

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2023.04.05.	Jeffrey Jeong	Michael Jeon
2	R1	Width changed from 10mm to 8mm	2024.03.13	Jeffrey Jeong	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	3.0dB Max.	
4. Ripple in BW	1.0dB Max.	
7. Return Loss in BW	15dB Min.	
8. Attenuation[Relative Value]	30dBc Min @ $F_0 \pm 500$ MHz 50dBc Min @ $F_0 \pm 800$ MHz	
10. Power Handling Avg, Peak	30dBm Max.	
12. In/Out Impedance	50Ω	
13. Temperature Range	-40°C ~ +75°C	
14. Dimension[WxDxH]	15.0 X 10.0 X 4.0mm Max	

※It is subjected to change with prior notice.

■ Simulation Curve

