

## PRODUCT SPECIFICATION FOR INFORMATION

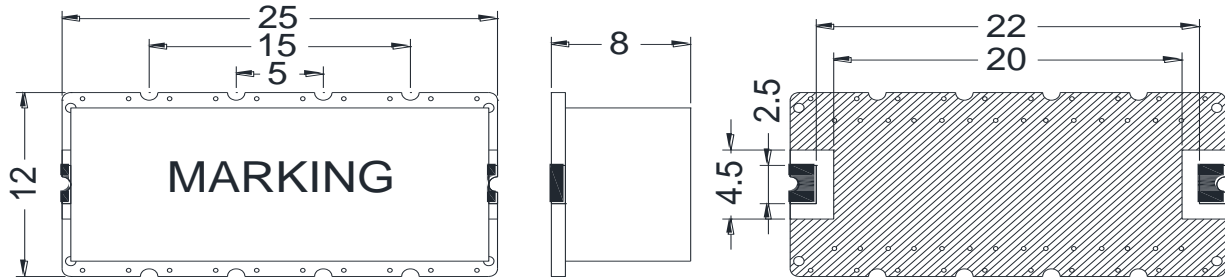
PRELIMINARY SPECIFICATION


**Product Name : LC Band Pass Filter**

**Part No : MBP-C310-140ML-A-R0**

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2023.05.03	Jeffrey Chung	Michael Jeon

## ■ Mechanical Drawing



 I/O Port Unit: mm  
 GND Tolerance: ±0.3

## ■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	310MHz	
2. Bandwidth [BW]	$F_c \pm 70\text{MHz}$ [240~380MHz]	
3. Insertion Loss in BW	1.5dB Max.	
4. Return Loss	15dB Min.	
5. Rejections	50dB Min @ 140MHz	
	50dB Min @ 480MHz	
6. In/Out Impedance	50Ohm	
7. Operating Temperature	-40°C ~ +70°C	
8. Power Handling	25W Max. (continuous)	
9. Size (W × D × H)	25.0x12.0x8.0 mm	
10. Interface	SMD Type	

Remarks: This is a preliminary datasheet for reference.

■ Simulation Curve1

