

PRODUCT SPECIFICATION FOR INFORMATION

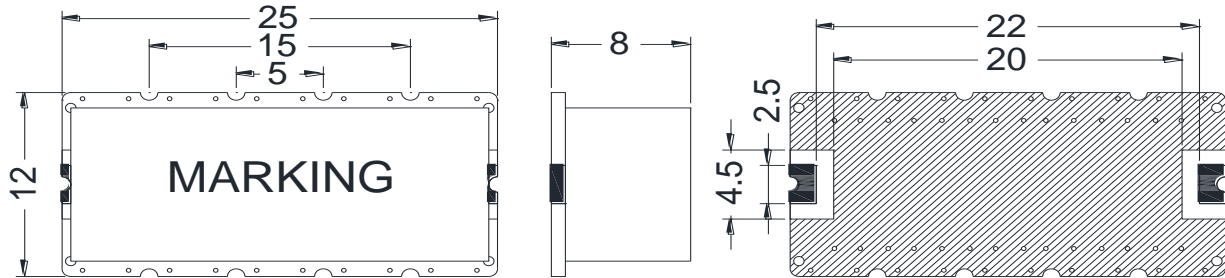
PRELIMINARY SPECIFICATION

Product Name : LC Band Pass Filter

Part No : MBP-C100-60ML-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	100MHz	
2. Bandwidth [BW]	$F_c \pm 30\text{MHz}$ [70~130MHz]	
3. Insertion Loss in BW	1.5dB Max.	
4. Return Loss	15dB Min.	
5. Rejections	50dB Min @ 35MHz	
	50dB Min @ 170MHz	
6. In/Out Impedance	50Ohm	
7. Operating Temperature	-40°C ~ +70°C	
8. Power Handling	25W Max. (continuous)	
9. Size (W x D x H)	25.0x12.0x8.0 mm	
10. Interface	SMD Type	

Remarks: This is a preliminary datasheet for reference.

■ Simulation Curve1

