

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

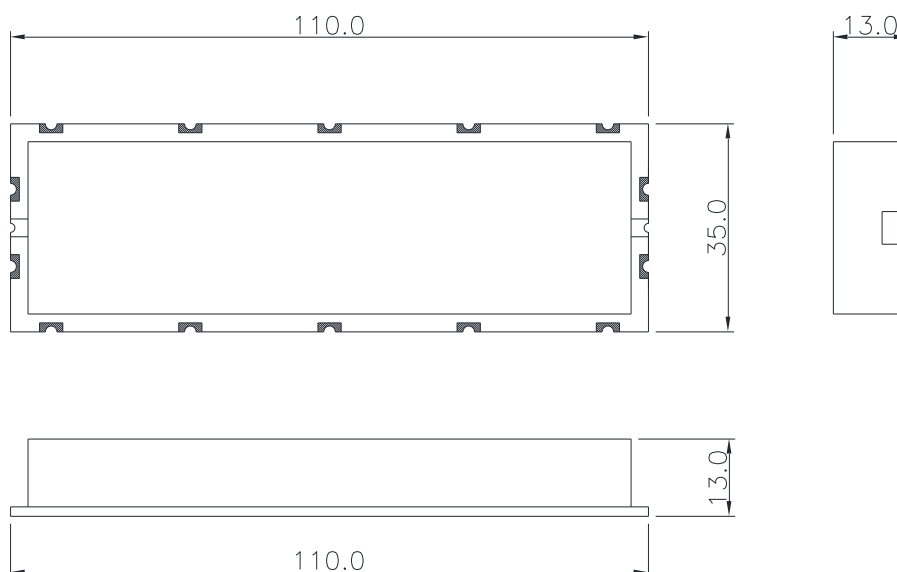
Product Name: LC Band Pass Filter

Part No: MBP-C150_50ML-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2022.01.17	Bryan Jeon	Michael Jeon

■ Mechanical Drawing



Note
1. Connector: SMD
2. Finish: Gold plated

■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	150MHz	
2. Bandwidth [BW]	Fc ±25MHz[125~175MHz]	
3. Insertion Loss in BW	3.0dB Max.	
4. Ripple in BW	1.0dB Max.	
5. Return Loss in BW	14dB Min.	
6. In/Out Impedance	50Ω	
7. Attenuation [Absolute Value]	50 dBc min. @ DC~50 MHz	
	38 dBc min. @ 50~75 MHz	
	25 dBc min. @ 75~115 MHz	
	25 dBc min. @ 185~225 MHz	
	38 dBc min. @ 225~300 MHz	
	50 dBc min. @ 300~600 MHz	
8. Power Handling	2W Max.	
9. Operation Temperature Range	-40°C to +85°C	

Remarks: This is a preliminary datasheet for reference.

Simulation Curve

