

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

Product Name: LC Band Pass Filter

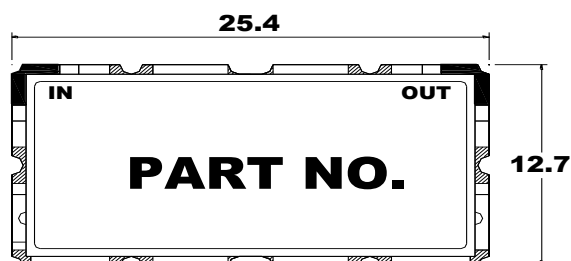
Part No: MBP-C70_10ML-A-R0

■ History List

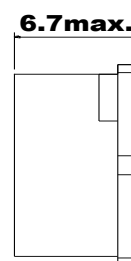
No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2021.12.21	Bryan Jeon	Michael Jeon

■ Mechanical Drawing

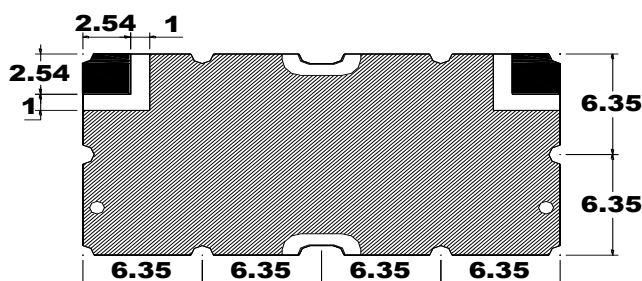
TOP VIEW



SIDE VIEW



BOTTOM VIEW



**TOLERANCE UNLESS
OTHERWISE SPECIFIED : ± 0.3
DIMENSIONS : mm**

GROUND
 I/O PORT

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

■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	70MHz	
2. Bandwidth [BW]	$F_c \pm 5\text{MHz}$ [65~75MHz]	
3. Insertion Loss in BW	3.5dB Max.	
4. Ripple in BW	0.5dB Max.	
5. Return Loss in BW	15dB Min.	
6. Attenuation [Absolute Value]	50dB Min.@ 45MHz	
	50dB Min.@ 107MHz	
7. Input Power	1.0W Max.	
8. In/Out Impedance	50 Ω	
9. Operation Temperature Range	-40°C to +85°C	

Remarks: This is a preliminary datasheet for reference.

■ Simulation Data

