

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

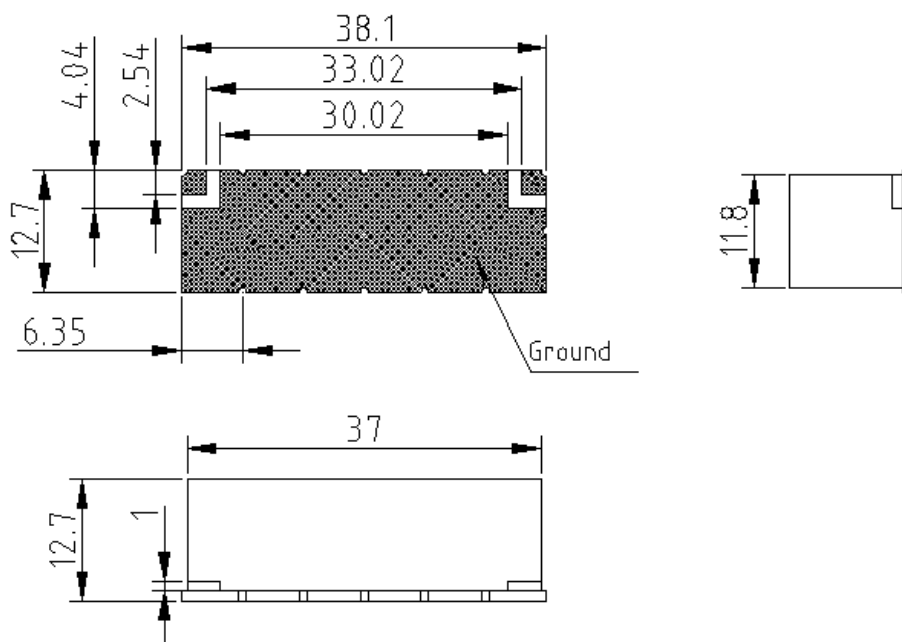
Product Name: LC Band Pass Filter

Part No: MBP-C282_506ML-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2022.08.03	Bryan Jeon	Michael Jeon

■ Mechanical Drawing



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

■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	282MHz	
2. Bandwidth	$F_c \pm 253\text{MHz}$ [29~535MHz]	
3. Insertion Loss	2.0dB@ F_c Max.	
	4.0dB @28MHz Max.	
	4.0dB @550MHz Max.	
4. Ripple in BW	1.5dB Max.	
5. VSWR in BW	1.5:1 Max.	Ratio
6. Attenuation	28dB Min.@ 26MHz	
	28dB Min.@ 600MHz	
7. In/Out Impedance	50 Ω	
8. Power Handling	2W	
9. Connector	SMD	
10. Dimension	38.1x12.7x12.7 mm	
11. Temperature Range	-20°C to +70°C	

Remarks: This is a preliminary datasheet for reference.