

PRODUCT SPECIFICATION FOR INFORMATION

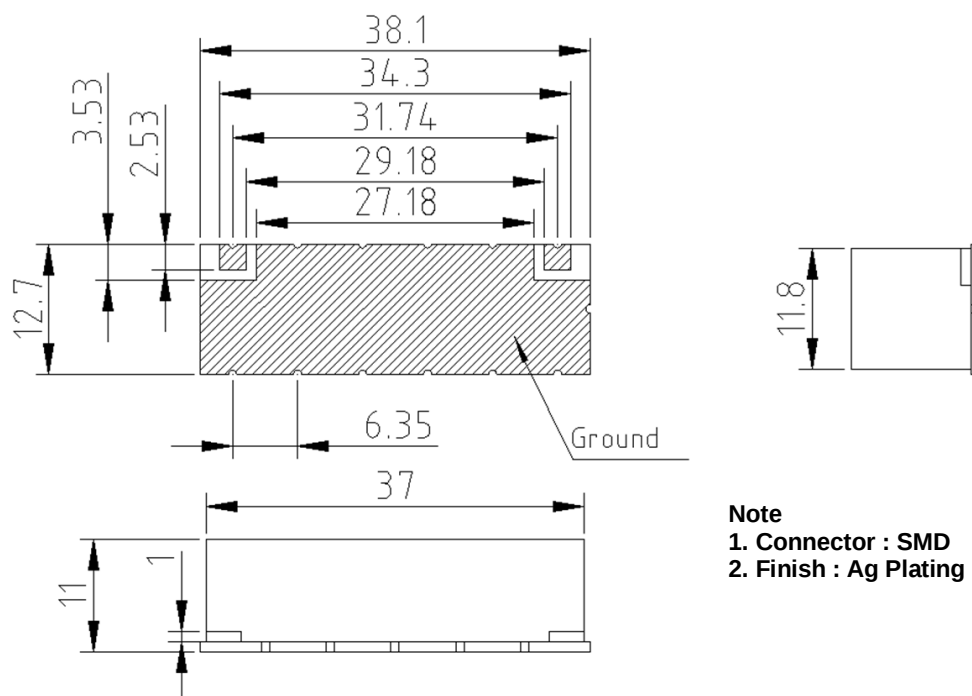
PRELIMINARY SPECIFICATION

Product Name : LC Band Pass Filter

Part No : MBP-C1.75_1.5ML-A-R2

	Rev. No.	Description	Date	Author	Final Approver
1	A	Draft	2021.03.12	Bryan Jeon	Michael Jeon
2	-	Has changed dimension with max power	2021.05.04	Bryan Jeon	Michael Jeon
3	-	Added the simulation curve	2021.06.16	Bryan Jeon	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	1.75MHz	
2. Frequency Range	$f_0 \pm 0.75[1\sim 2.5]\text{MHz}$	
3. Insertion Loss	2.5dB Max.	
4. Ripple	1.0dB Max.	
5. Return Loss	15dB Min.	
6. Attenuation[Absolute Value]	45dB Min@0.5MHz	
	45dB Min@3MHz	
7. Size	37.0X11.8X11.0mm	
8. Input RF Power	27dBm	
9. Impedance	50Ω	
10. Operation Temperature Range	-40℃ to +85℃	

Remarks: This is a preliminary datasheet for reference. The final performance is subject to the sample.

■ Simulation Curve

