

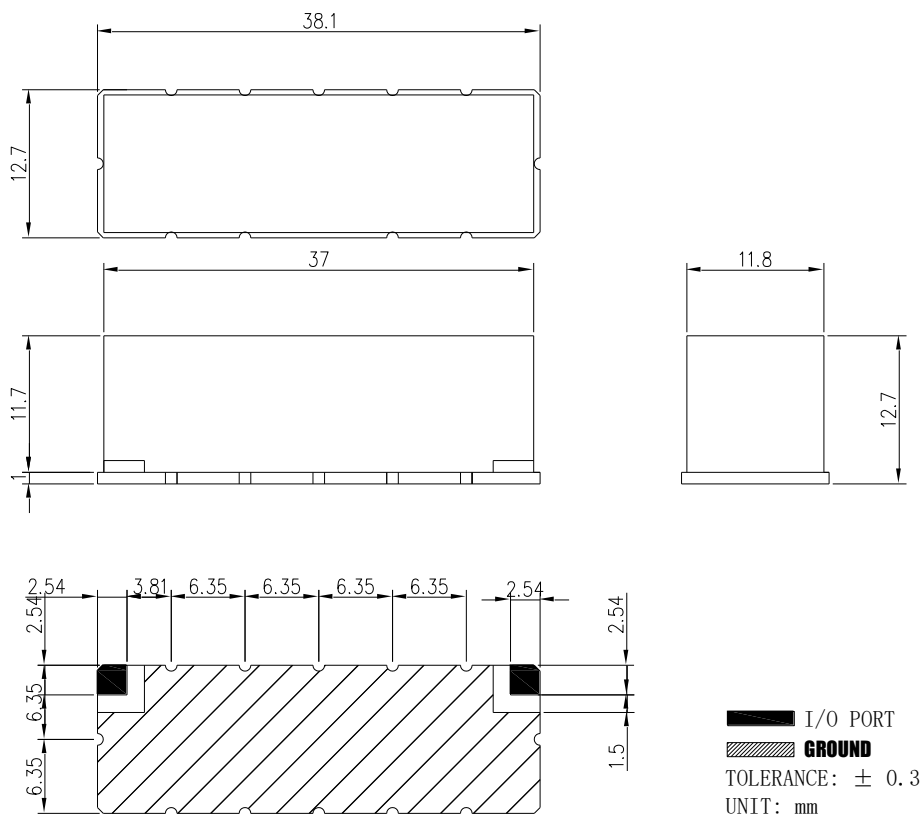
PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

Product Name :LC Band Pass Filter
Part No : MBP-C7_4M(DP-RM-RFF-08397)

.	Rev. No.	Description	Date	Author	Final Approver
1	A	First Draft	2020.01.08	Bryan Jeon	Michael Jeon
2	-	Updated Soldering reflow profile	2020.08.25	Bryan Jeon	Michael Jeon
3	-	Updated Alternate attenuation	2020.09.07	Bryan Jeon	Michael Jeon
4	-	Updated specification for R/L, Rejection , Temp and Power level	2021.07.09	Bryan Jeon	Michael Jeon

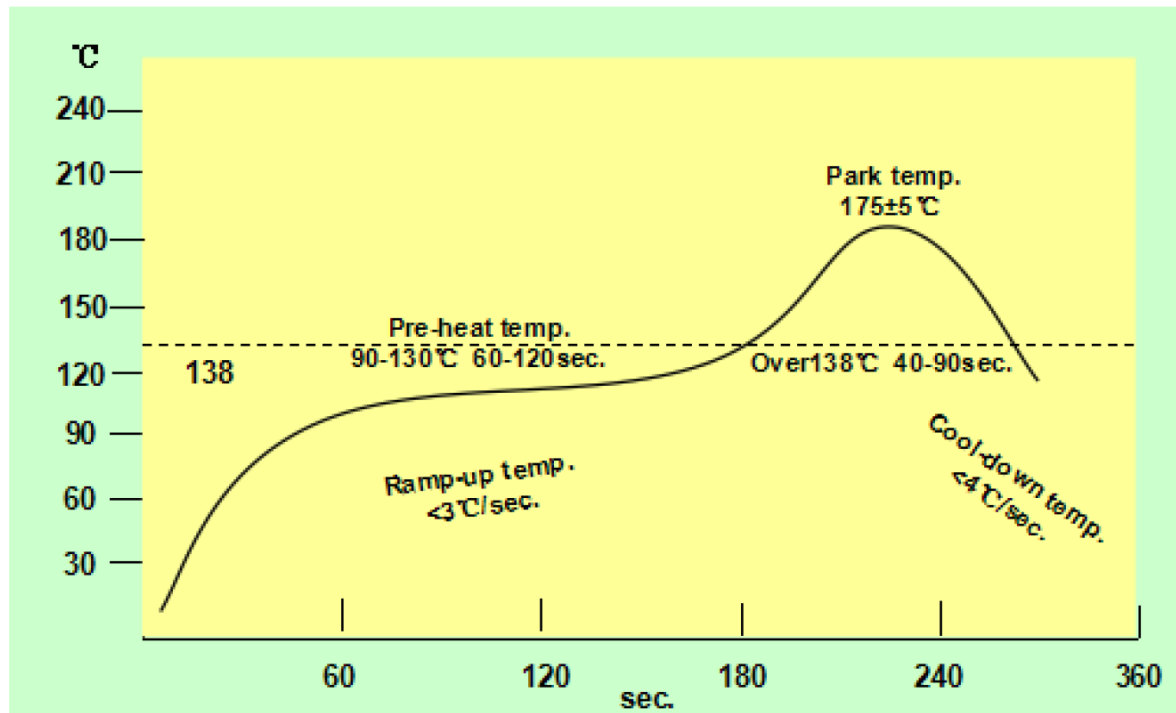
■ Mechanical Drawing



■ Electrical Specification

Item	Specification	Remark
1.Centre frequency (fc)	7.0MHz	
2.Insertion loss	<3.0 dB	
3.1dB Band	>fc±2MHz	
4.Ripple in pass band	<1.0 dB(peak to peak)	
5.Return loss @Pass Band	>25 dB	
6.Stop band attenuation fc±3MHz	>25 dB	
7.Alternate attenuation	>70 dB(≥25dB in fact)	
8.Operating temp range	-40°C to +85°C	
9.Impedance	50ohms	
10.Maximum power level	27dBm	
11.Package	SMD	
12.Size	38.1×12.7×12.7mm	

■ Recommended Soldering Reflow Profile



■ solder paste information.

Part name : RC-807A

Alloy : Sn69.5 / Bi30 / Cu0.5