

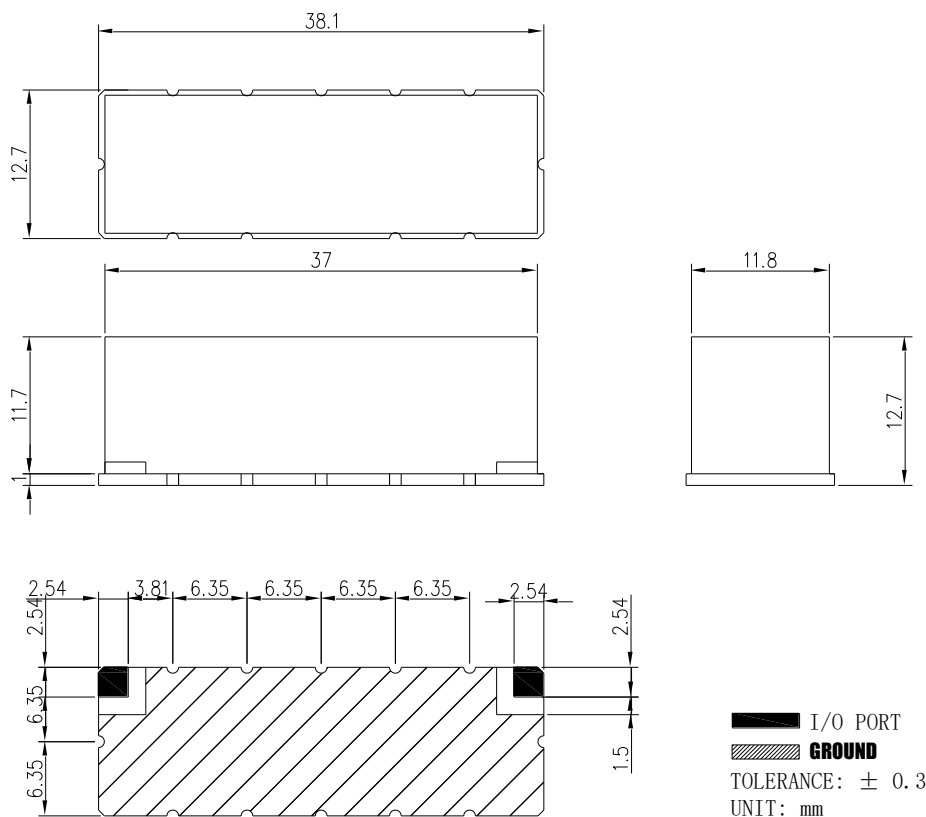
PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

Product Name :LC Band Pass Filter
Part No : MBP-C12.5_7M(DP-RM-RFF-08399)

.	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

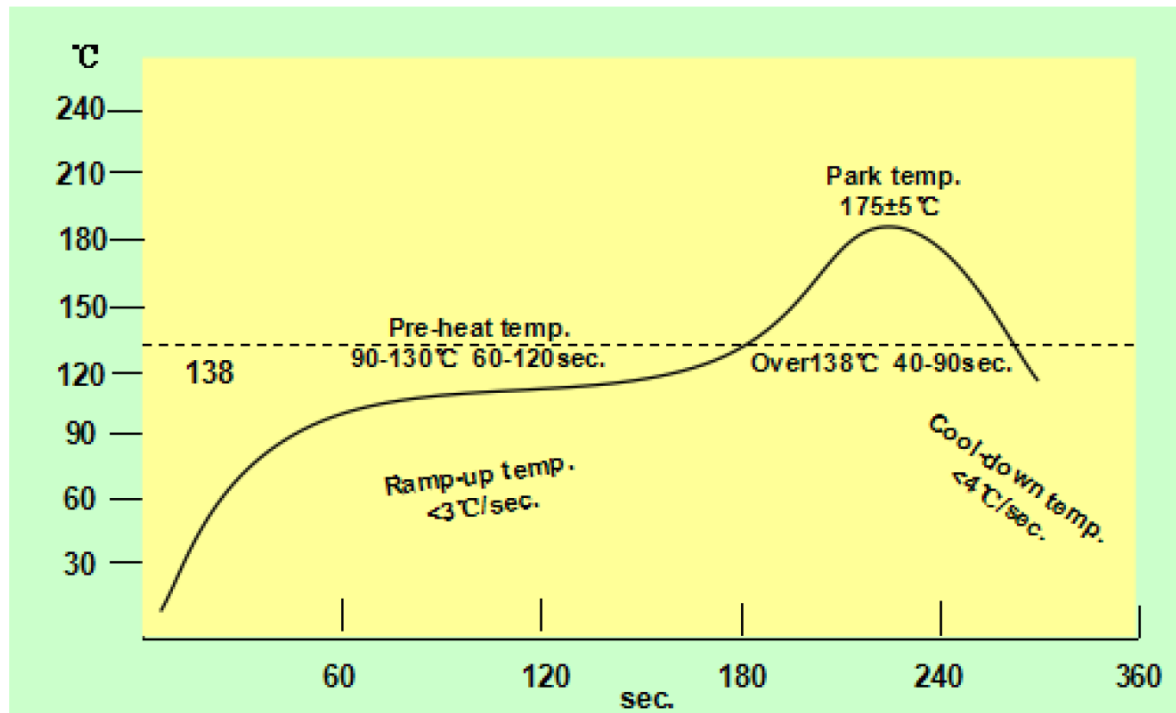
■ Mechanical Drawing



■ Electrical Specification

Item	Specification	Remark
1.Centre frequency (fc)	12.5MHz	
2.Insertion loss	<3.0 dB	
3.1dB Band	>fc $\pm$ 3.5MHz	
4.Ripple in pass band	<1.0 dB(peak to peak)	
5.Return loss @Pass Band	>15 dB	
6.Stop band attenuation fo $\pm$ 5.2MHz	>25 dB	
7.Alternate attenuation	≥ 70 dB (≥ 25 dB 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 $\times$ 12.7 $\times$ 12.7mm	

■ Recommended Soldering Reflow Profile



■ solder paste information.

Part name : RC-807A

Alloy : Sn69.5 / Bi30 / Cu0.5