

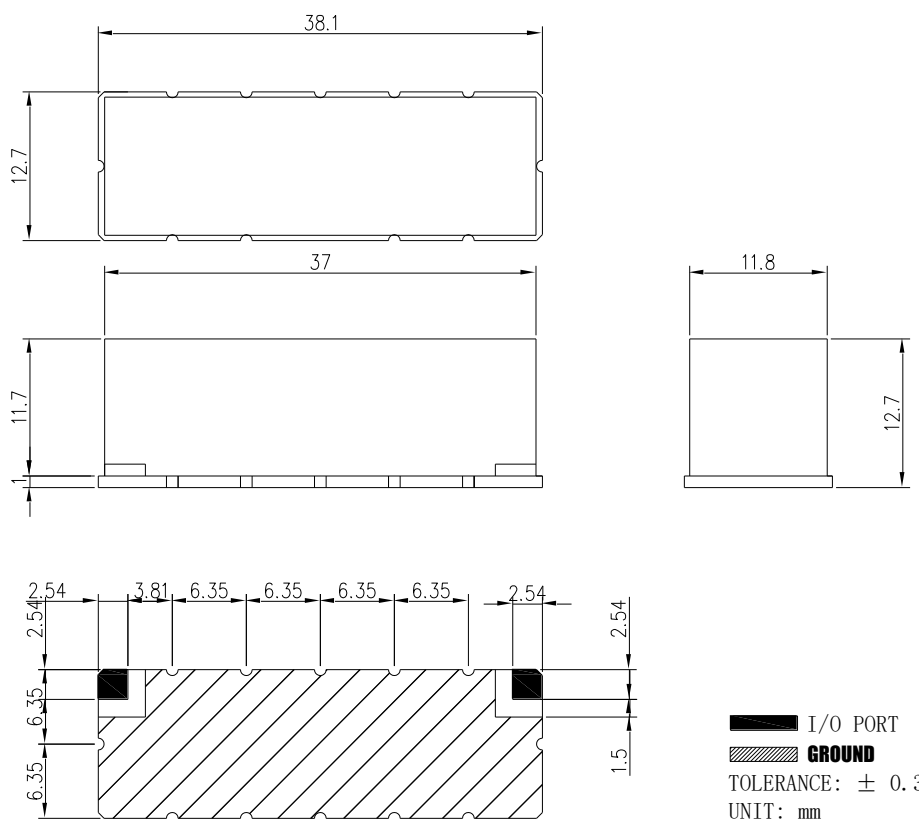
PRODUCT SPECIFICATION FOR INFORMATION

FINAL SPECIFICATION

Product Name :LC Band Pass Filter
Part No : MBP-C23_14M(DP-RM-RFF-08401)

.	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

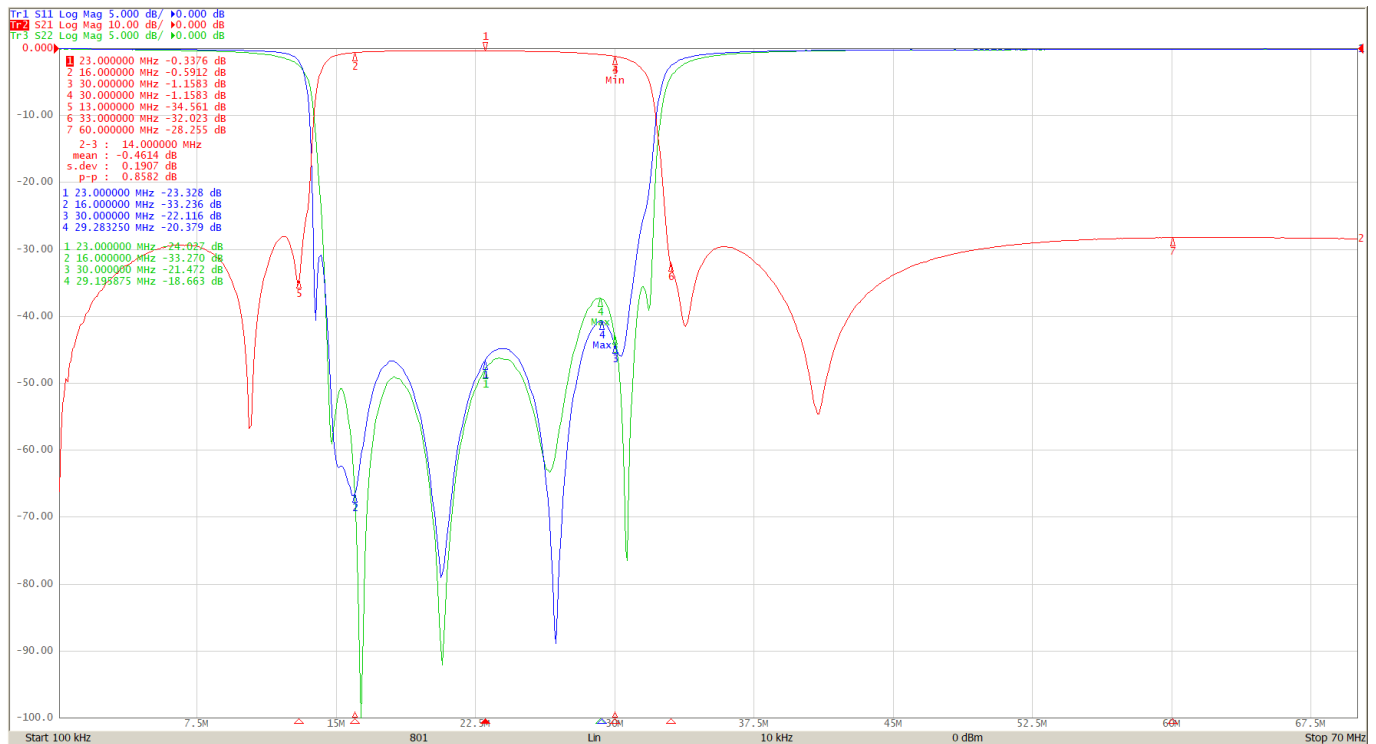
■ Mechanical Drawing



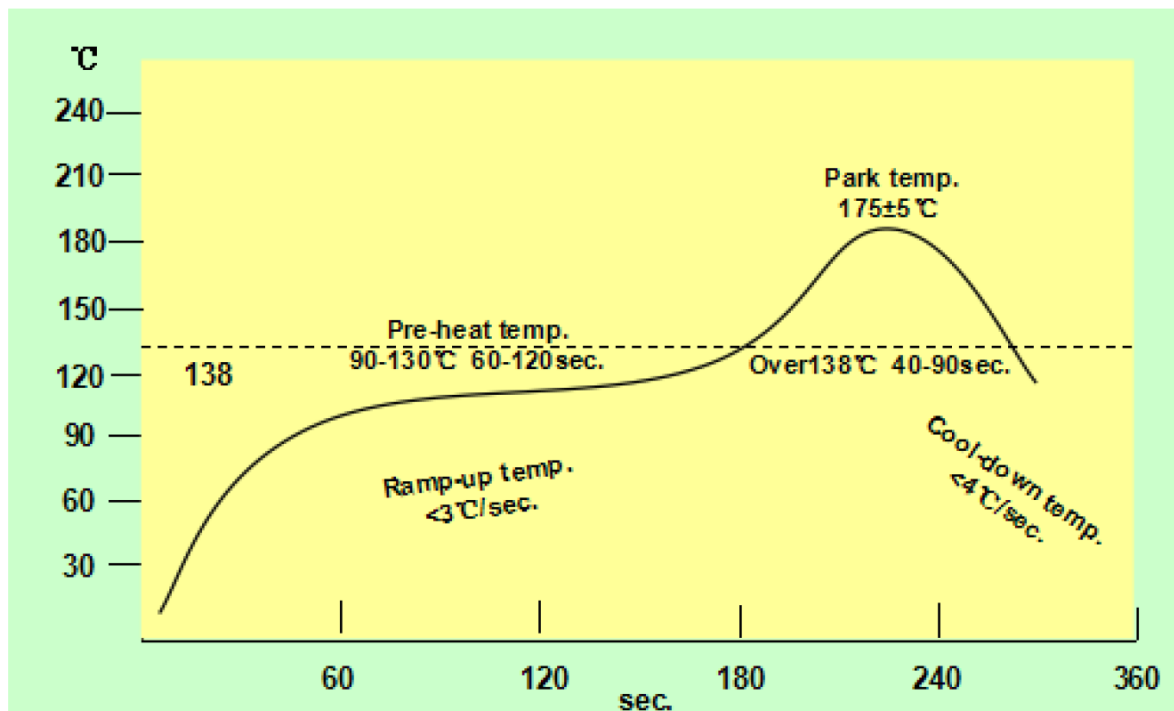
■ Electrical Specification

Item	Specification	Remark
1. Centre frequency (fc)	23MHz	
2. Insertion loss	3.0 dB Max	
3. 1dB Band	$>fc \pm 7\text{MHz}$	
4. Ripple in pass band	$<1.0\text{ dB(peak to peak)}$	
5. Return loss @ Pass Band	15 dB min	
6. Stop band attenuation @ $Fo \pm 10\text{MHz}$	25 dB min	
7. Alternate attenuation	25 dB min	
8. Operating temp range	-40°C to $+80^{\circ}\text{C}$	
9. Impedance	50ohms	
10. Maximum power level	27dBm	
11. Package	SMD	
12. Size	$38.1 \times 12.7 \times 12.7\text{mm}$	

■ TEST CURVE



■ Recommended Soldering Reflow Profile



■ solder paste information.

Part name : RC-807A

Alloy : Sn69.5 / Bi30 / Cu0.5