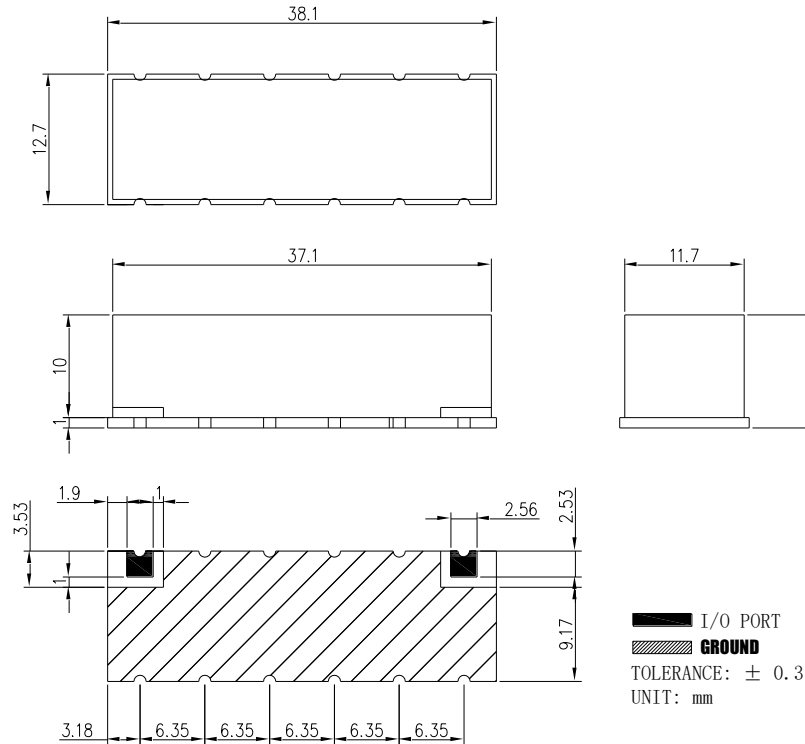


**Product Name :LC Band Pass Filter**  
**Part No : MBP-C1.75\_0.5M(DP-RM-RFF-08504)**

.	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

## PRODUCT SPECIFICATION FOR INFORMATION

### ■ Mechanical Drawing

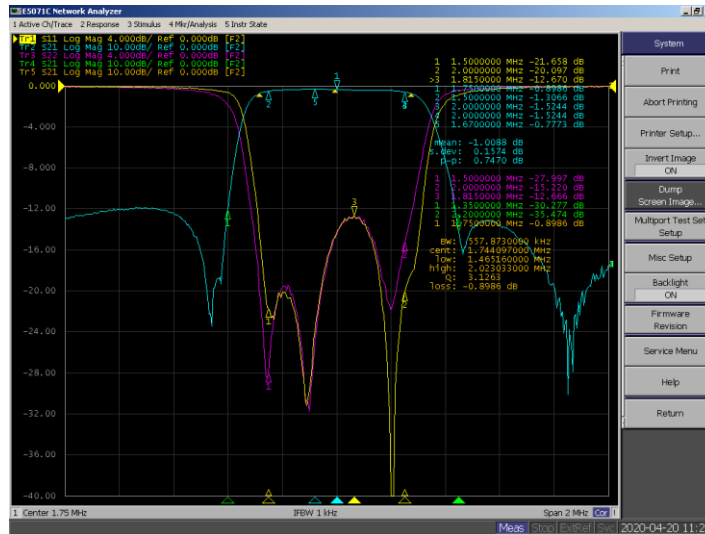


### ■ Electrical Specification

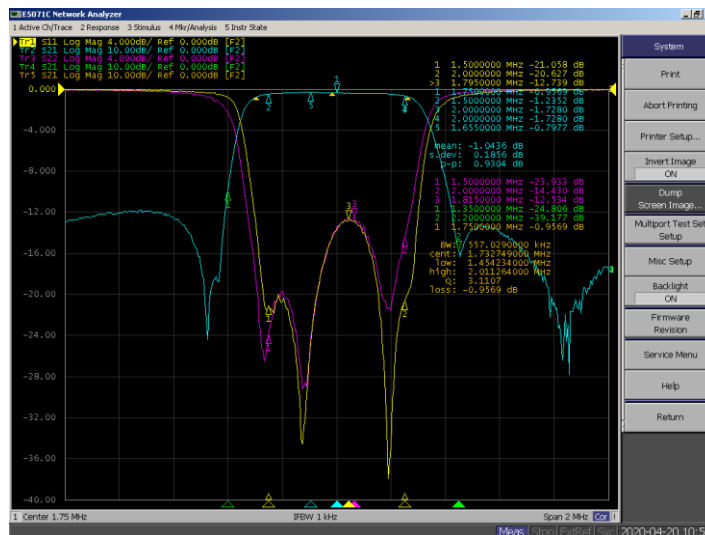
Item	Specification	Remark
1.Centre Frequency (Fc)	1.75MHz	
2.Insertion Loss @ Fc	1.5±0.5 dB	
3.1dB Band	± 0.5MHz	
4.Pass Band Ripple	1.0 dB	
5.Return Loss over the pass band	>10 dB	
6.Stop band attenuation @ 1.35MHz	>20 dB	
7.Stop band attenuation @ 2.2MHz	>30 dB	
8.Operating Temperature	-10 to +70°C	
9.Storage Temperature	-20 to +85°C	
10.Maximum Power level	20dBm	
11.Package	SMD	
12.Dimensions	38.1×12.7×11mm	

## TEST CURVE

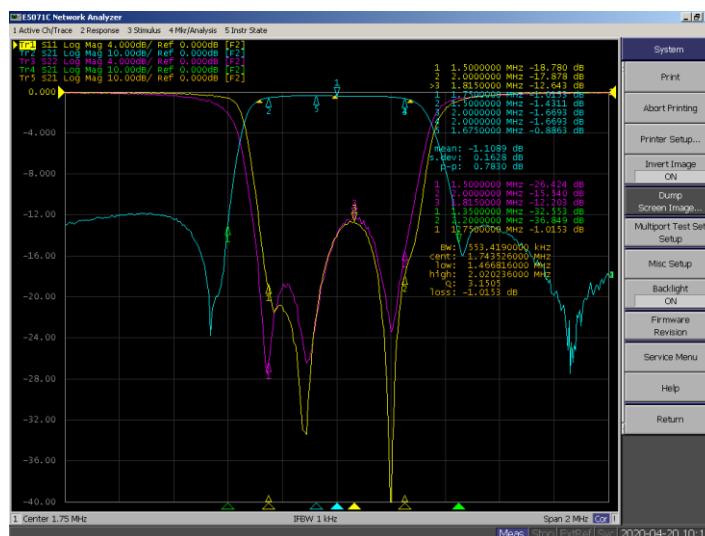
Room Temperature



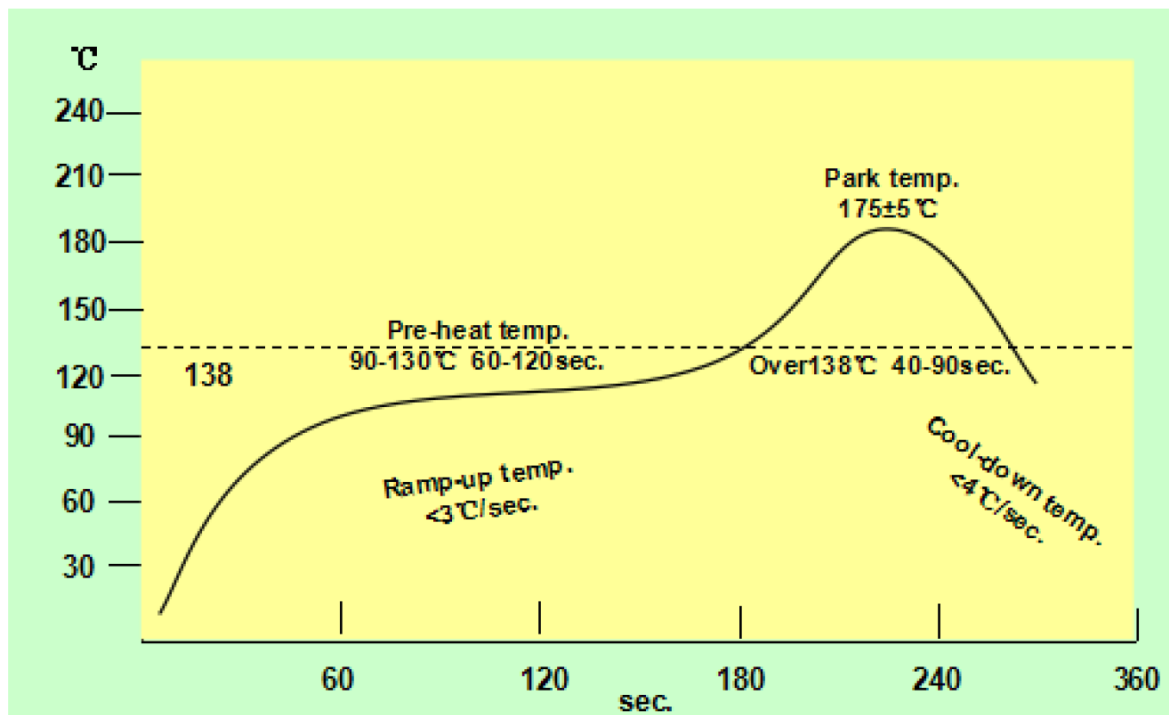
High Temperature



Low Temperature



## ■ Recommended Soldering Reflow Profile



## ■ solder paste information.

Part name : RC-807A

Alloy : Sn69.5 / Bi30 / Cu0.5