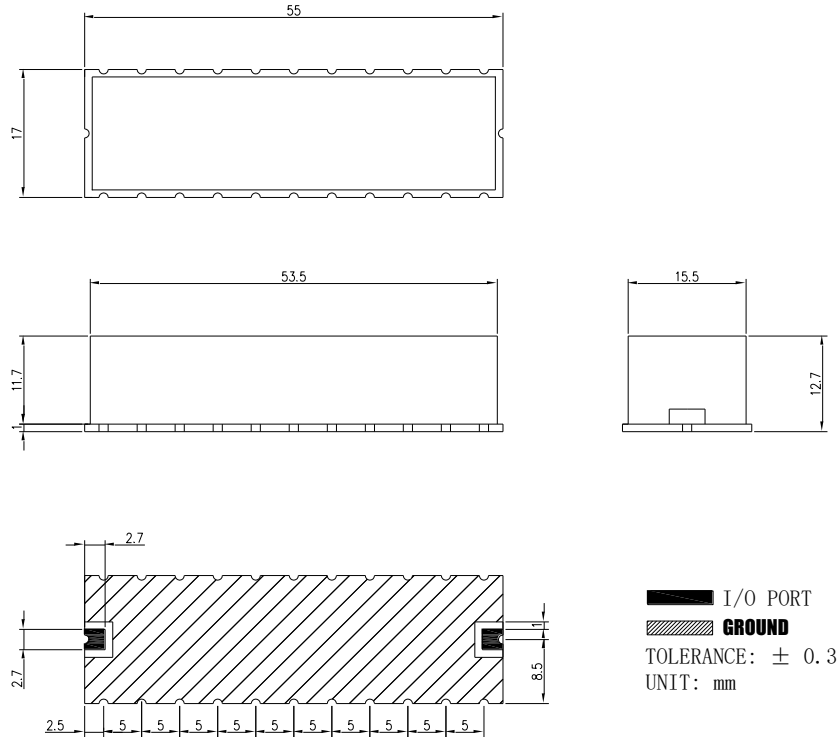


**Product Name :LC Band Pass Filter**  
**Part No : MBP-C3.25\_3.5M(DP-RM-RFF-08669)**

.	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

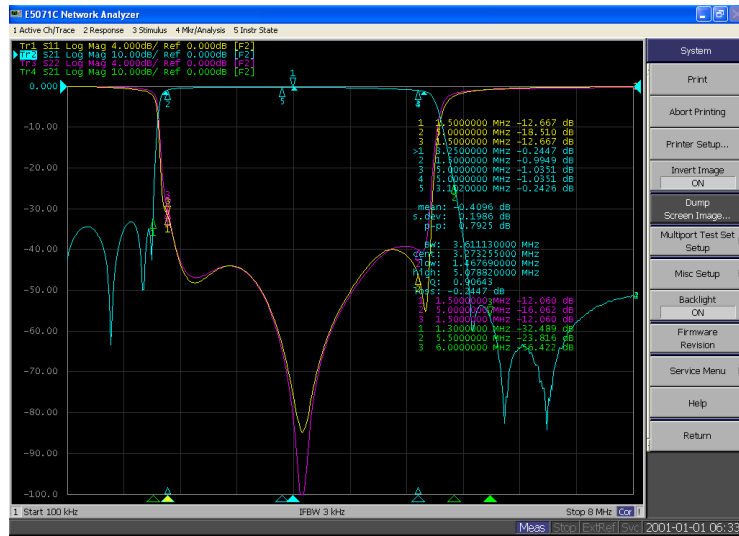


### ■ Electrical Specification

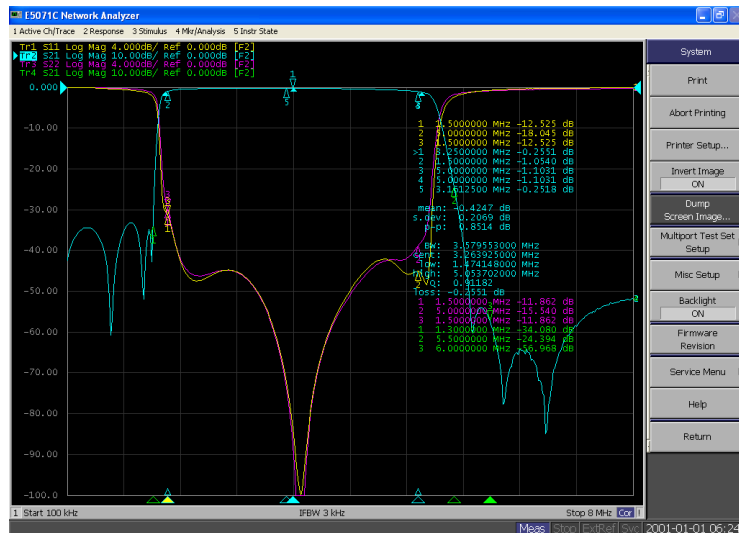
Item	Specification	Remark
1.Frequency	1.5 to 5 MHz (Fc3.25M)	
2.Insertion Loss	<2.5 dB	
3.Return loss Over the pass band	>10 dB	
4.Ripple in Pass Band	<1.5dB(peak to peak)	
5.Stop band attenuation 1.3 MHz	$\geq 25$ dB	
6.Stop band attenuation 5.5 MHz	$\geq 20$ dB	
7.Stop band attenuation 6 MHz	$\geq 45$ dB	
8.Operating temp range	-20°C To +70°C	
9.Impedance	50 $\Omega$	
10.Maximum power level	20dBm	
11.Package	SMD	
12.Size	55×17×12.7 mm	

## TEST CURVE

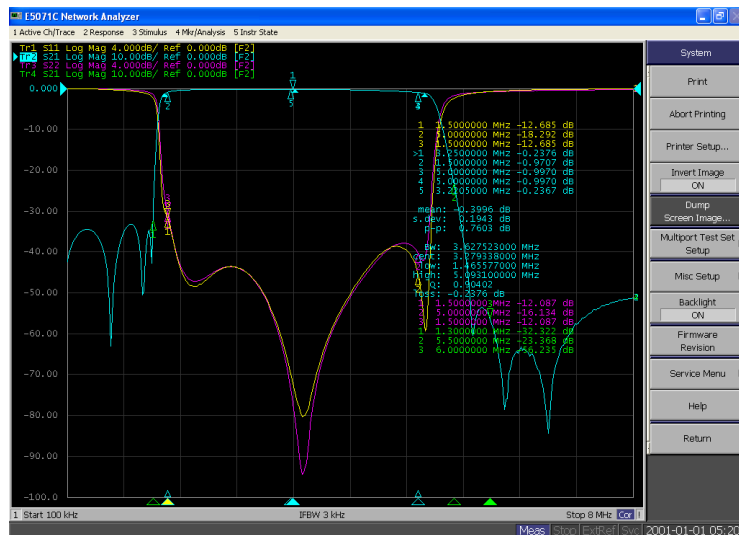
Room Temperature



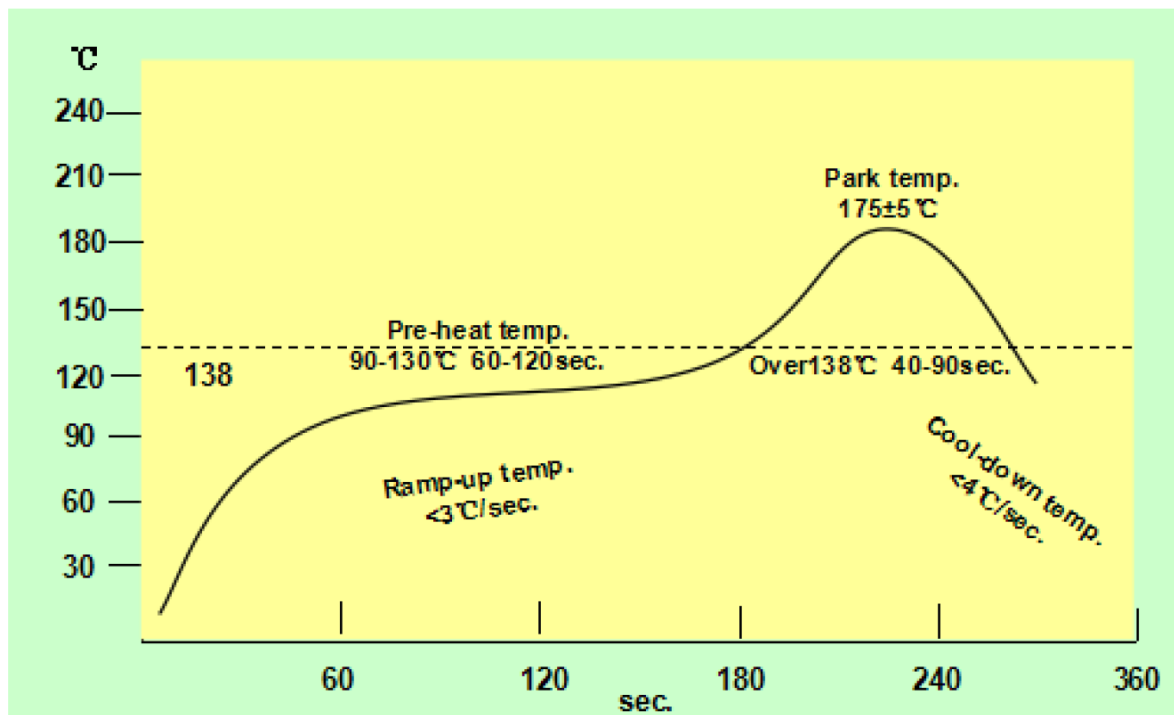
High Temperature



Low Temperature



## ■ Recommended Soldering Reflow Profile



## ■ solder paste information.

Part name : RC-807A

Alloy : Sn69.5 / Bi30 / Cu0.5