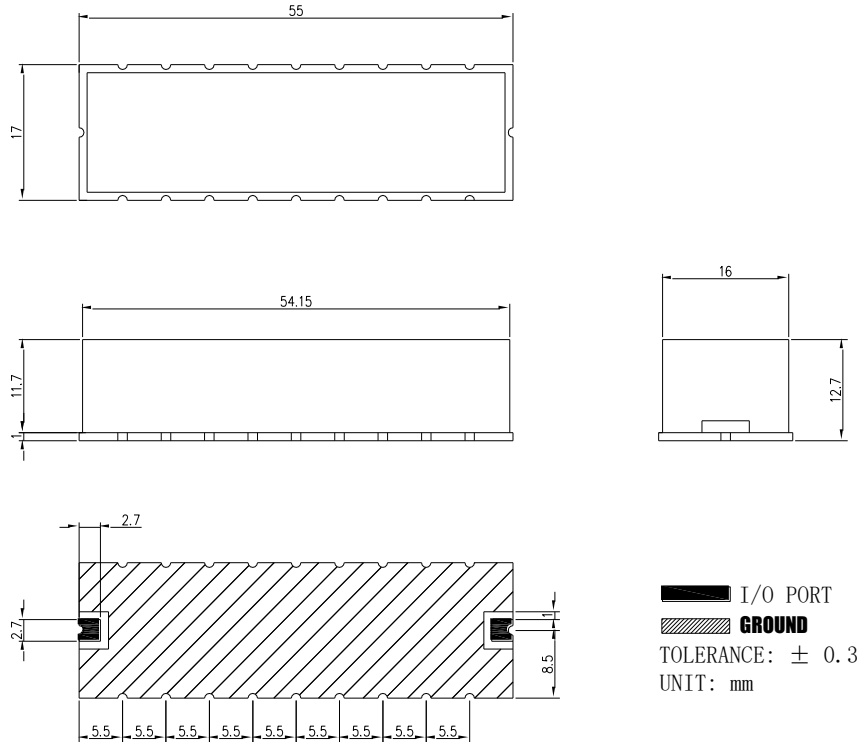


Product Name :LC Band Pass Filter
Part No : MBP-C15.75_28.5M(DP-RM-RFF-08505)

.	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

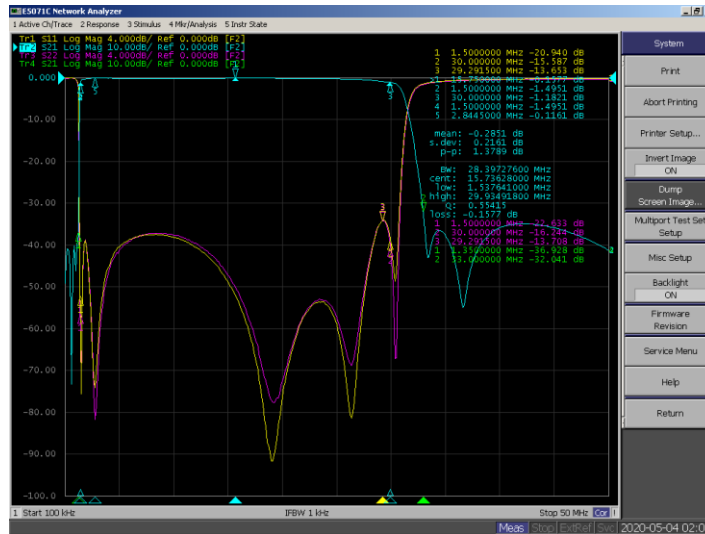


■ Electrical Specification

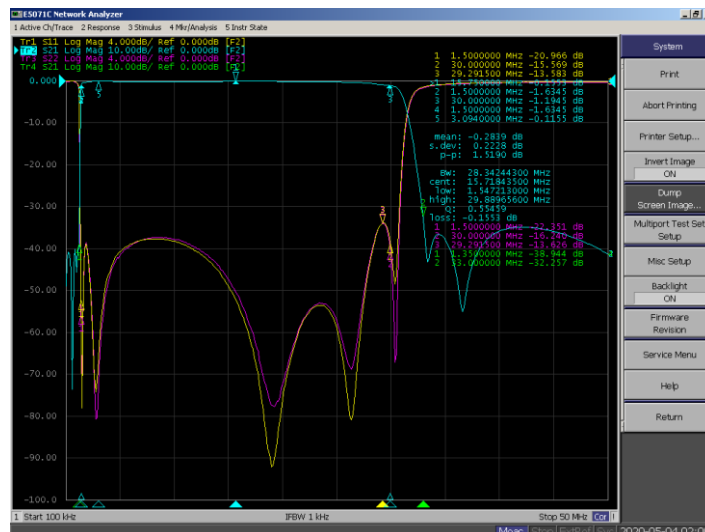
Item	Specification	Remark
1.Centre Frequency (Fc)	15.75MHz	
2.Insertion Loss @ Fc	<1 dB	
3.1dB Band	± 28.5 MHz	
4.Pass Band Ripple	<1.7 dB(peak to peak)	
5.Return Loss over the pass band	>10 dB	
6.Stop band attenuation @ 1.35MHz	>25 dB	
7.Stop band attenuation @ 33MHz	>25 dB	
8.Operating Temperature	-10 to +70°C	
9.Storage Temperature	-20 to +85°C	
10.Maximum Power level	20dBm	
11.Package	SMD	
12.Dimensions	55×17×12.7 mm	

■ TEST CURVE

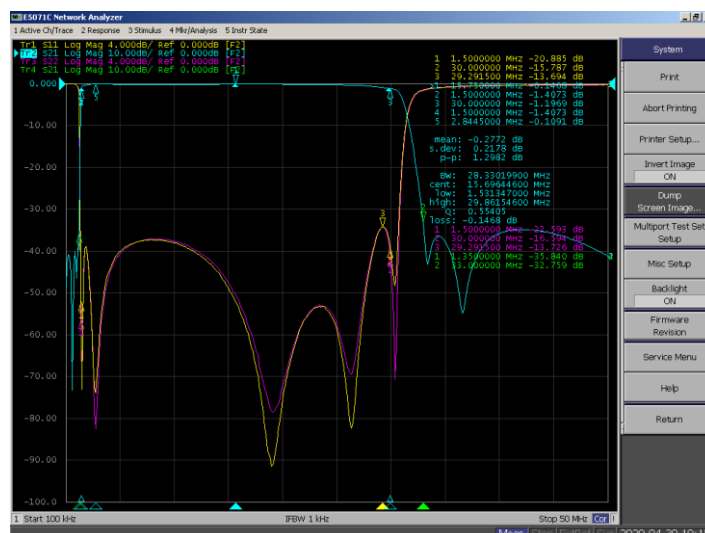
Room Temperature



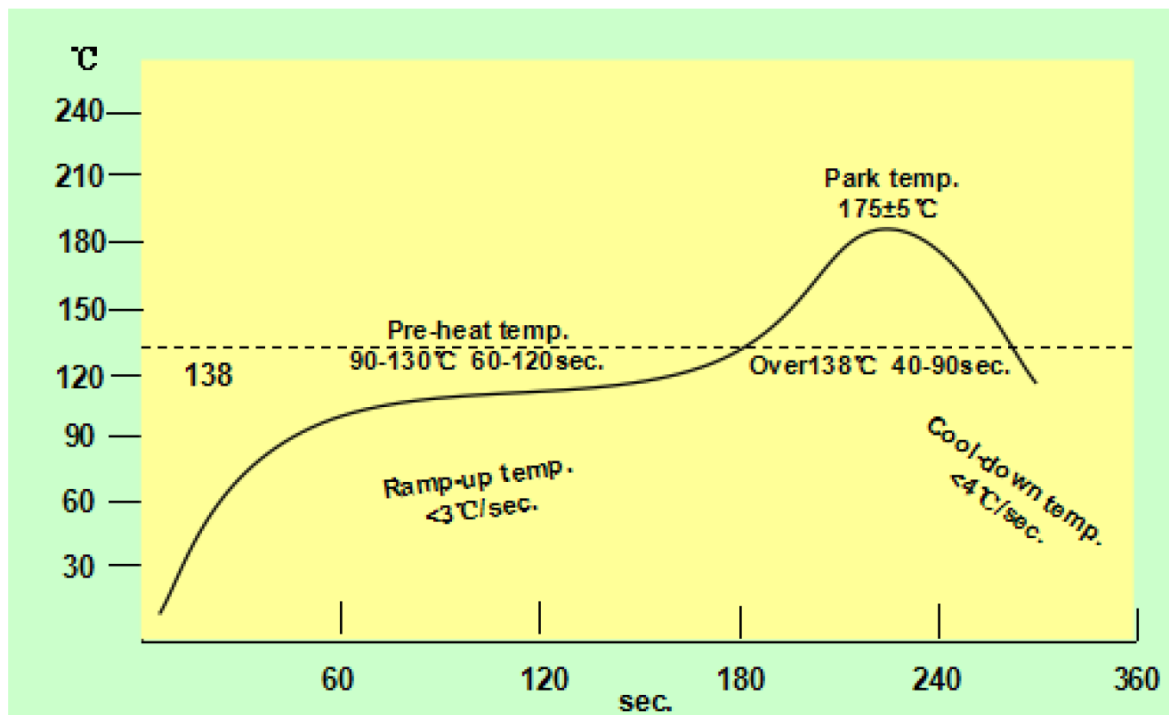
High Temperature



Low Temperature



■ Recommended Soldering Reflow Profile



■ solder paste information.

Part name : RC-807A

Alloy : Sn69.5 / Bi30 / Cu0.5