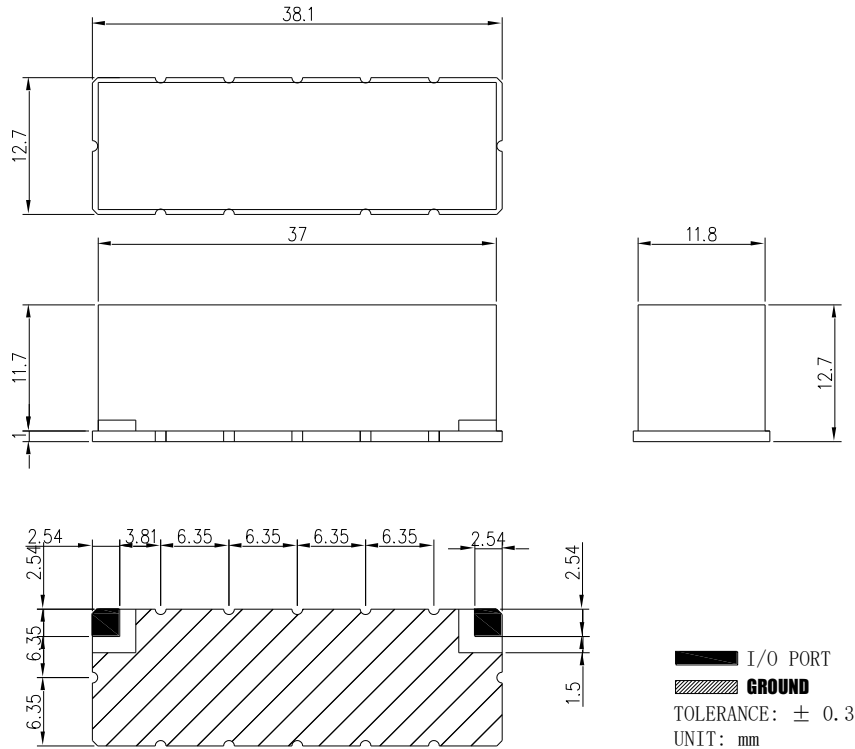


Product Name :LC Band Pass Filter
Part No : MBP-C12.5_7M(DP-RM-RFF-08399)

.	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

PRODUCT SPECIFICATION FOR INFORMATION

■ Mechanical Drawing

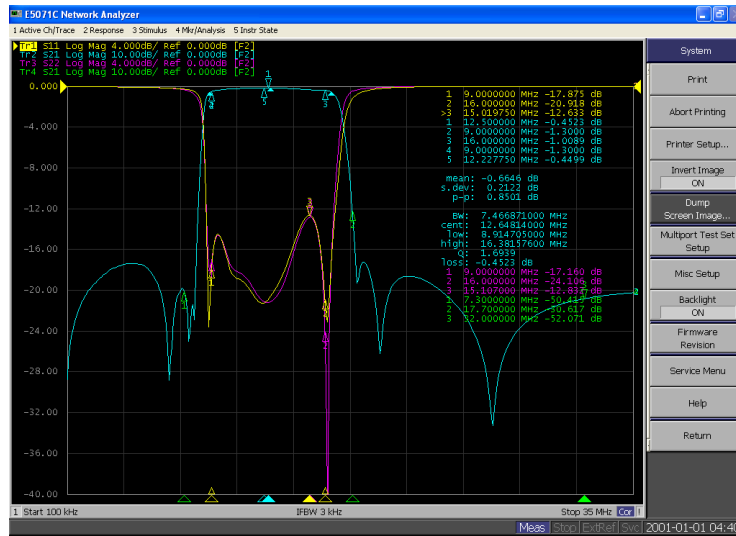


■ Electrical Specification

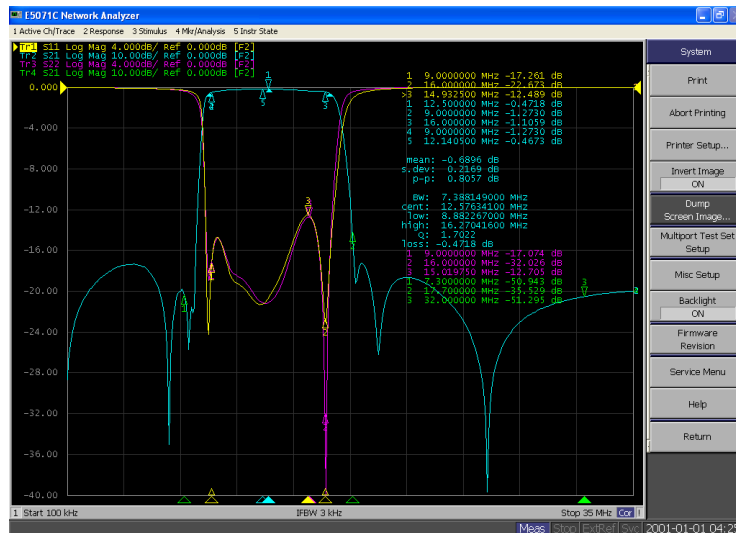
Item	Specification	Remark
1.Centre frequency (fc)	12.5MHz	
2.Insertion loss	<3.0 dB	
3.1dB Band	>fc±3.5MHz	
4.Ripple in pass band	<1.0 dB(peak to peak)	
5.Return loss @Pass Band	>10 dB	
6.Stop band attenuation fo±5.2MHz	>20 dB	
7.Alternate attenuation	>45 dB	
8.Operating temp range	-20°C to +70°C	
9.Impedance	50ohms	
10.Maximum power level	10dBm	
11.Package	SMD	
12.Size	38.1×12.7×12.7mm	

■ TEST CURVE

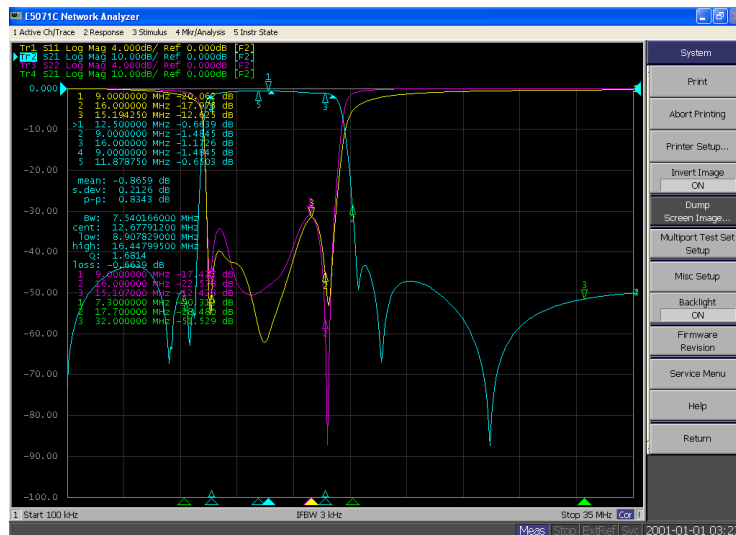
Room Temperature



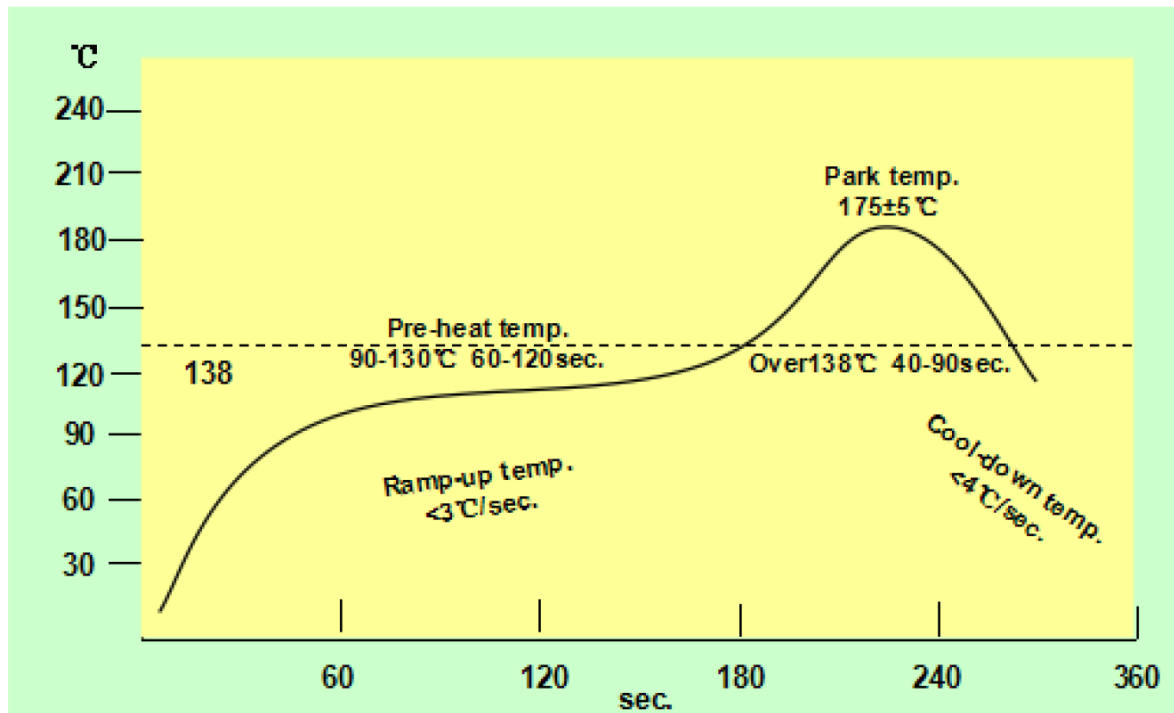
High Temperature



Low Temperature



■ Recommended Soldering Reflow Profile



■ solder paste information.

Part name : RC-807A

Alloy : Sn69.5 / Bi30 / Cu0.5