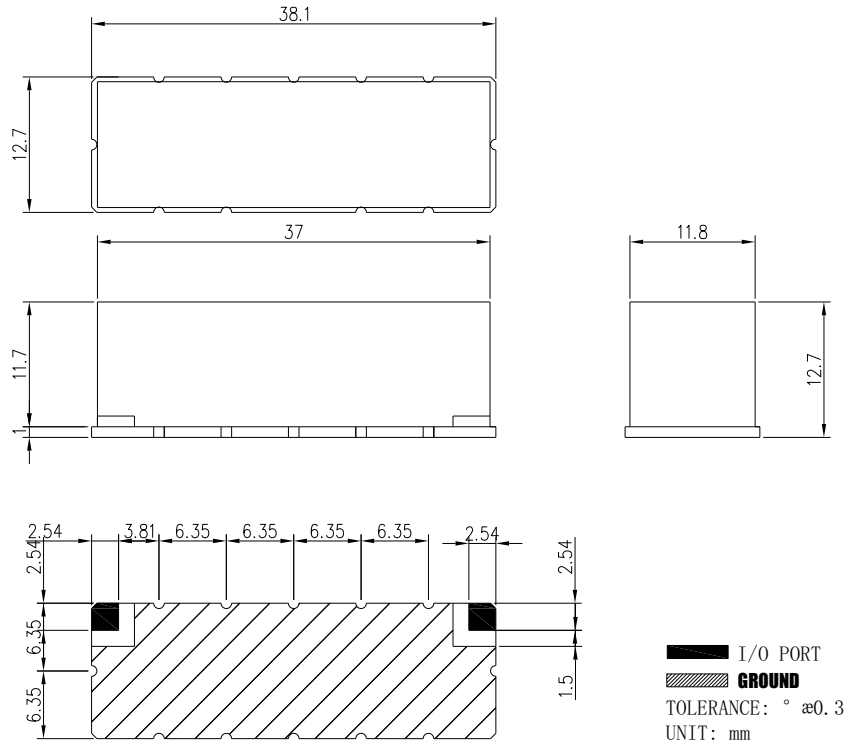


**Product Name :LC Band Pass Filter**

**Part No : HD34342**

## PRODUCT SPECIFICATION FOR INFORMATION

### ■ Mechanical Drawing

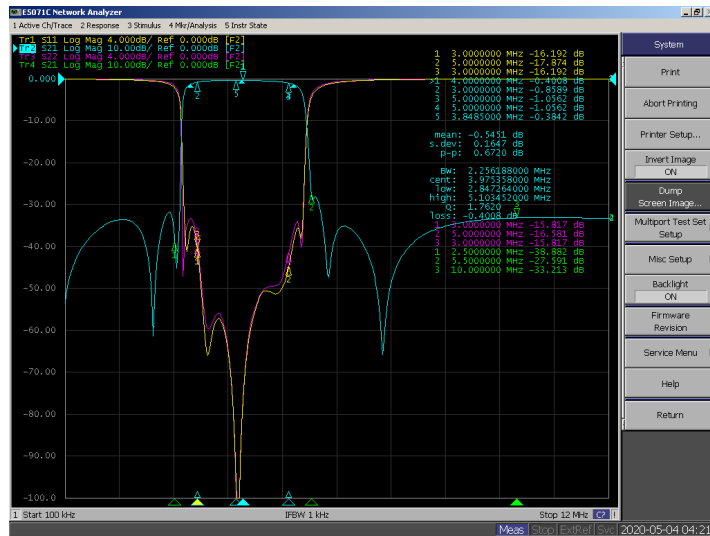


### ■ Electrical Specification

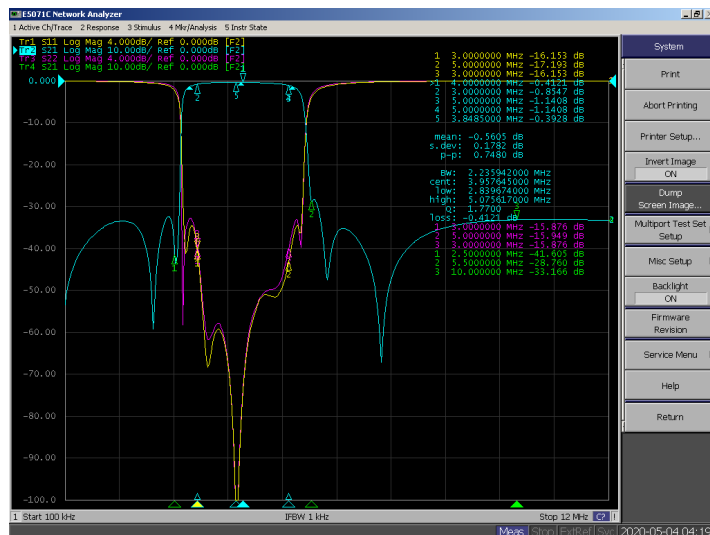
Item	Specification	Remark
1.Centre frequency (fc)	4.0MHz	
2.Insertion loss	<3.0 dB	
3.1dB Band	>fc±1MHz	
4.Ripple in pass band	<1.0 dB(peak to peak)	
5.Return loss @Pass Band	>10 dB	
6.Stop band attenuation fc±800KHz	>17 dB	
7.Alternate attenuation	>30 dB	
8.Operating temp range	-20°C to +70°C	
9.Impedance	50ohms	
10.Maximum power level	10dBm	
11.Package	SMD	
12.Size	38.1×12.7×12.7mm	

## TEST CURVE

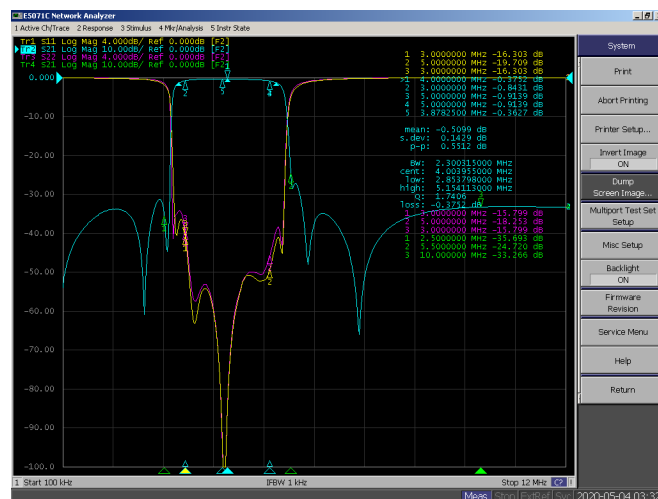
Room Temperature



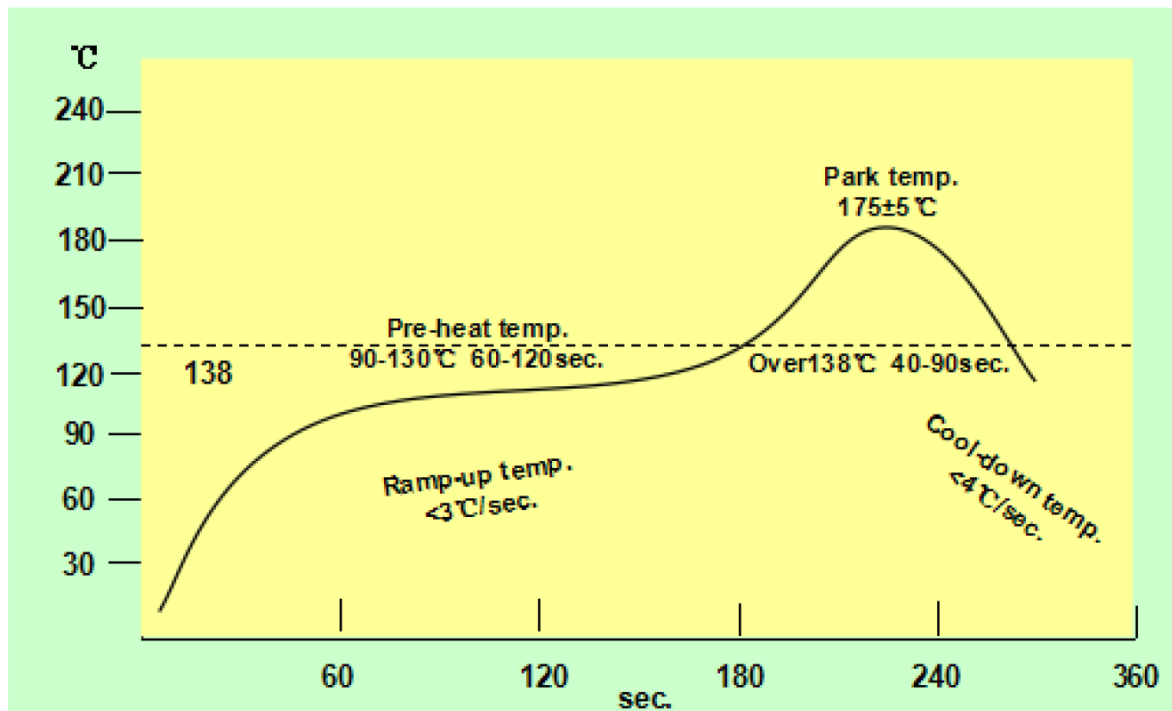
High Temperature



Low Temperature



■ Recommended Soldering Reflow Profile



■ Solder paste information.

Part name : RC-807A

Alloy : Sn69.5 / Bi30 / Cu0.5