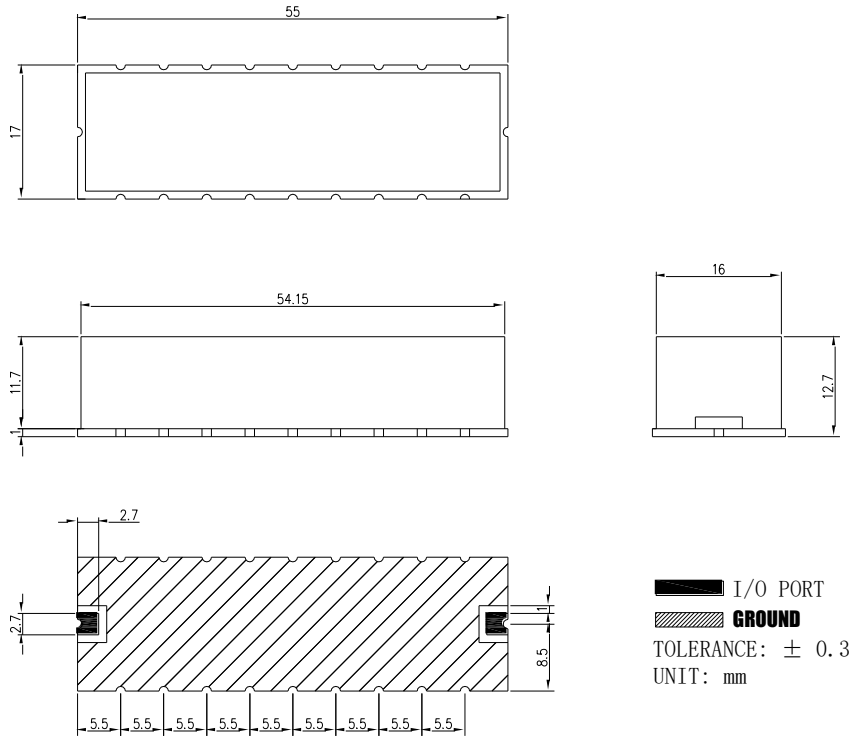


Product Name :LC Band Pass Filter
Part No : MBP-C76.8_40M(DP-RM-RFF-08524)

.	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

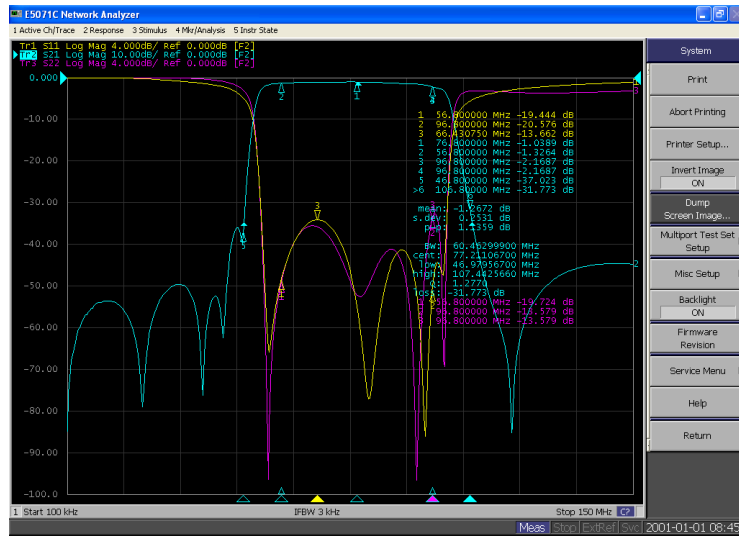


■ Electrical Specification

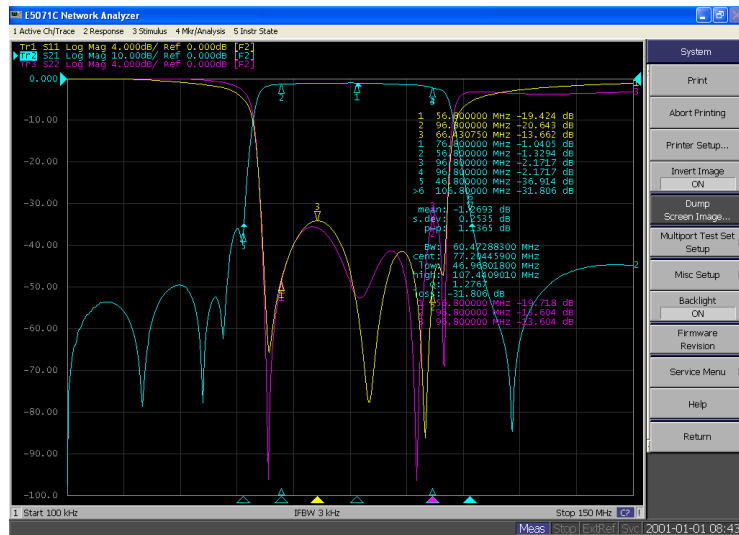
Item	Specification	Remark
1.CENTER FREQUENCY	76.8MHz	
2.INSERTION LOSS	<2 dB	
3.1dB BAND WIDTH	40 MHz	
4.PASS BAND RIPPLE	1.2 dB(peak to peak)	
5.RETURN LOSS OVER THE PASS BAND	>12 dB	
6.REJECTION @ $F_c \pm 30\text{MHz}$	>30 dB	
7.IMPEDANCE	50 Ω	
8.OPERATIONAL TEMPERATURE	-20°C To +75°C	
9.INPUT POWER	20dBm	
10.PACKAGE	SMD	
11.MECHANICAL DIMENSION	55×17×12.7 mm	

TEST CURVE

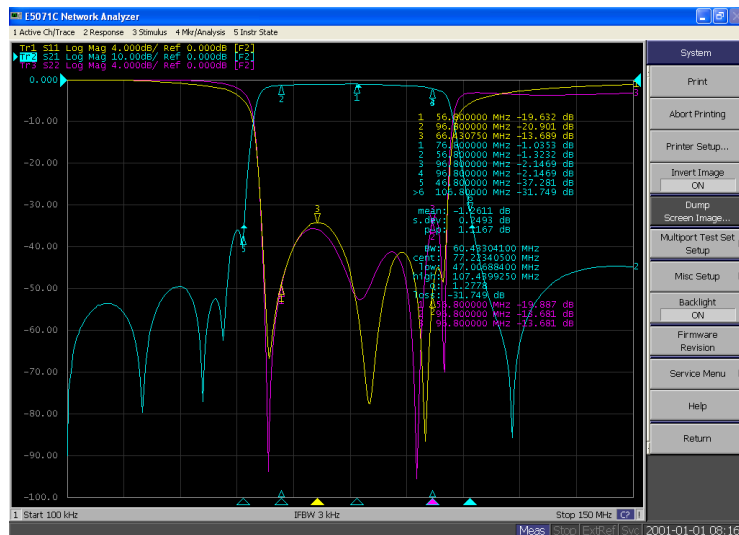
Room Temperature



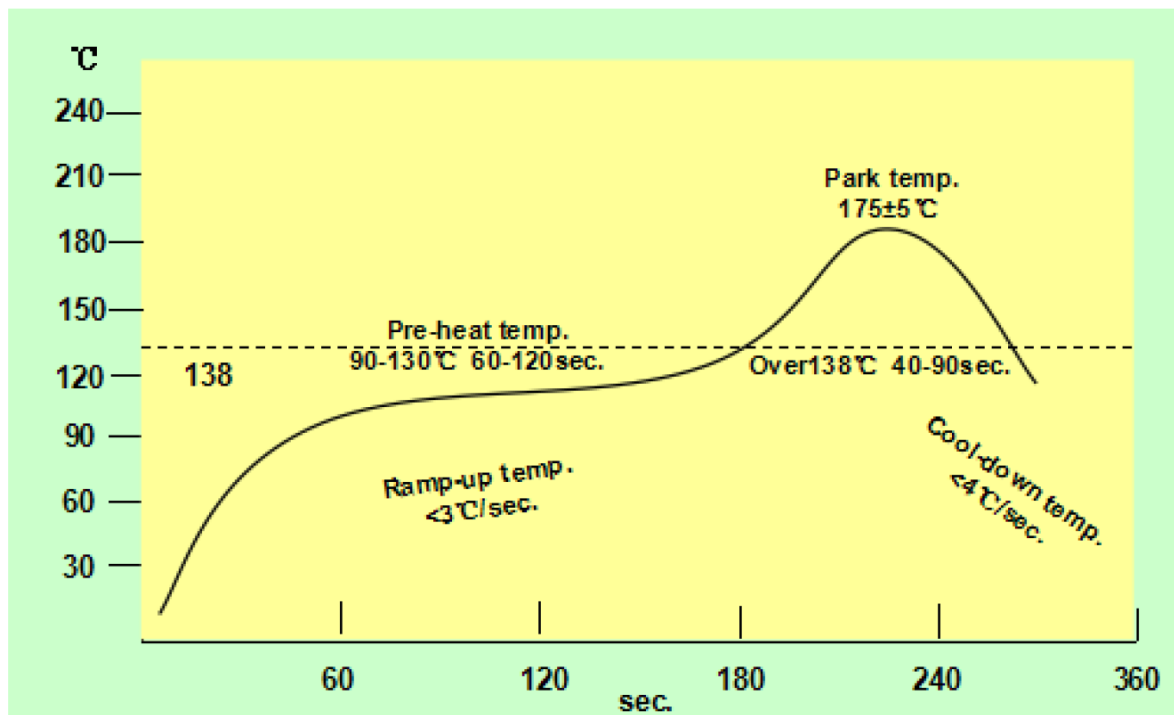
High Temperature



Low Temperature



■ Recommended Soldering Reflow Profile



■ solder paste information.

Part name : RC-807A

Alloy : Sn69.5 / Bi30 / Cu0.5