

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

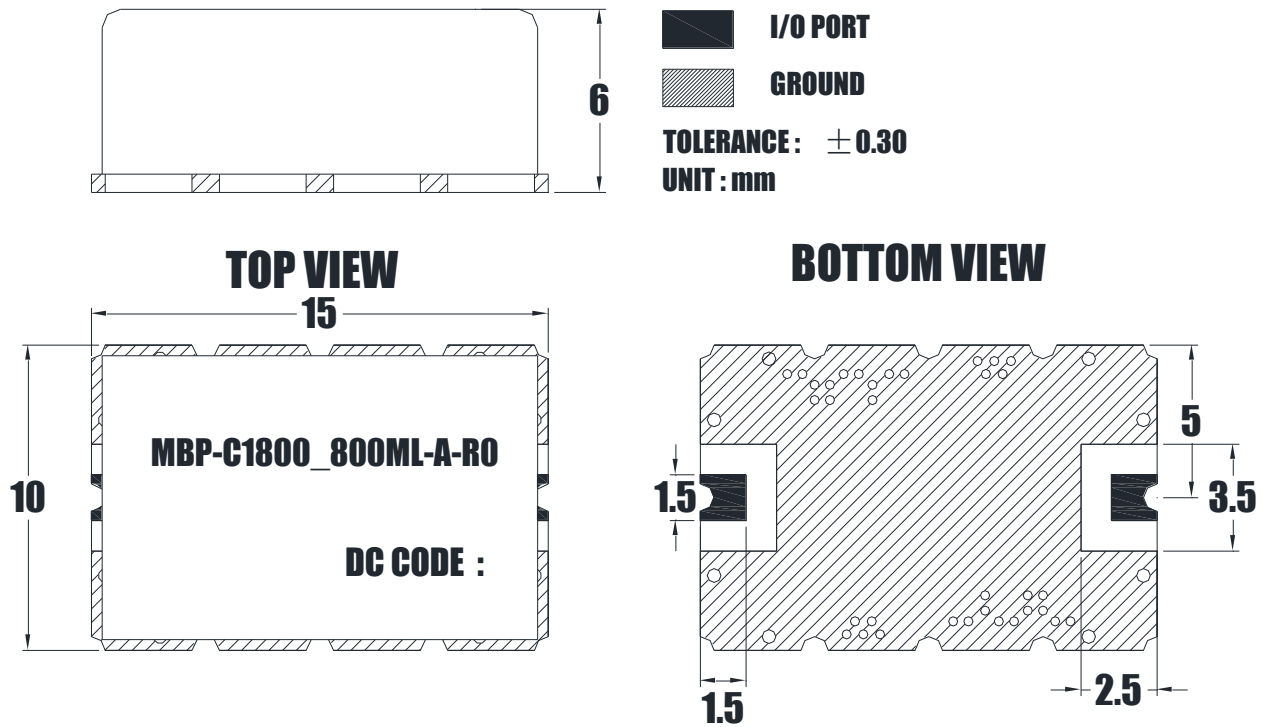
Product Name: LC Band Pass Filter

Part No: MBP-C1800_800ML-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2021.12.03	Bryan Jeon	Michael Jeon

■ Mechanical Drawing



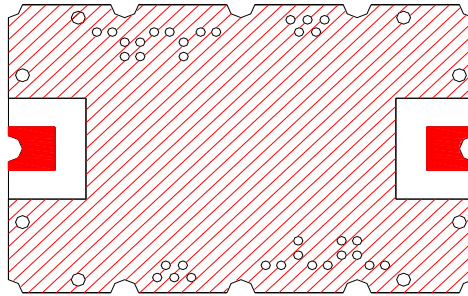
Note
 1. Connector: SMD
 2. Finish: Silver plated

■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	1800MHz	
2. Bandwidth [BW]	$F_c \pm 400\text{MHz}$ [1400~2200MHz]	
3. Insertion Loss in BW	1.8dB Max.	
4. Ripple in BW	0.8dB Max.	
5. VSWR in BW	1.5:1 Max.	
6. In/Out Impedance	50Ω	
7. Attenuation [Absolute Value]	40dB Min. @ 750~1000MHz	
	40dB Min. @ 2600~4000MHz	
8. Power Handling	1W Max.	
9. Operation Temperature Range	-40°C to +85°C	

Remarks: This is a preliminary datasheet for reference.

■ Recommended PC Board Pattern



I/O PORT



GROUND

Remarks: Recommend using the soldering paste of 183°C melting point.