

PRODUCT SPECIFICATION FOR INFORMATION

FINAL SPECIFICATION

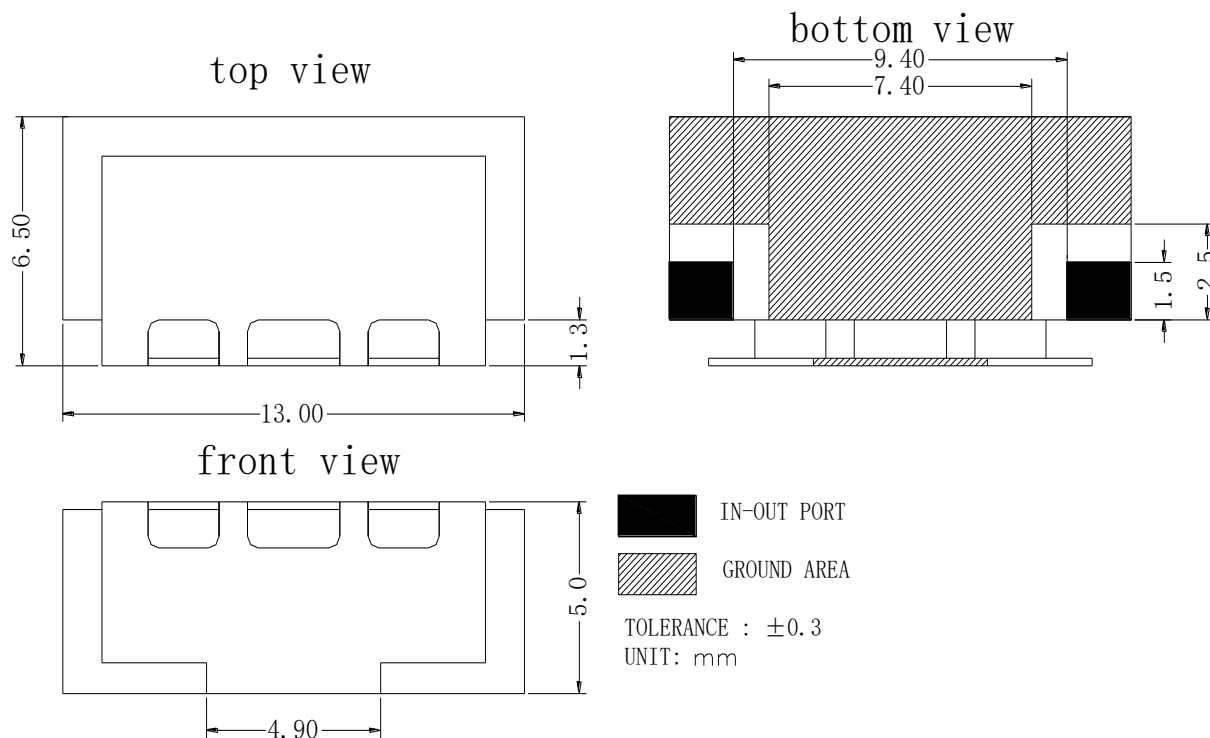
Product Name: MonoBlock Band Pass Filter

Part No: MBP-C3800_600MM-A-R2

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2022.11.16	Bryan Jeon	Michael Jeon
2	R1	Added rejection specs 50dB@DC to 3240MHz	2022.12.15	Bryan Jeon	Michael Jeon
3	R2	Added land pattern dimensions	2022.12.19	Bryan Jeon	Michael Jeon

■ Mechanical Drawing



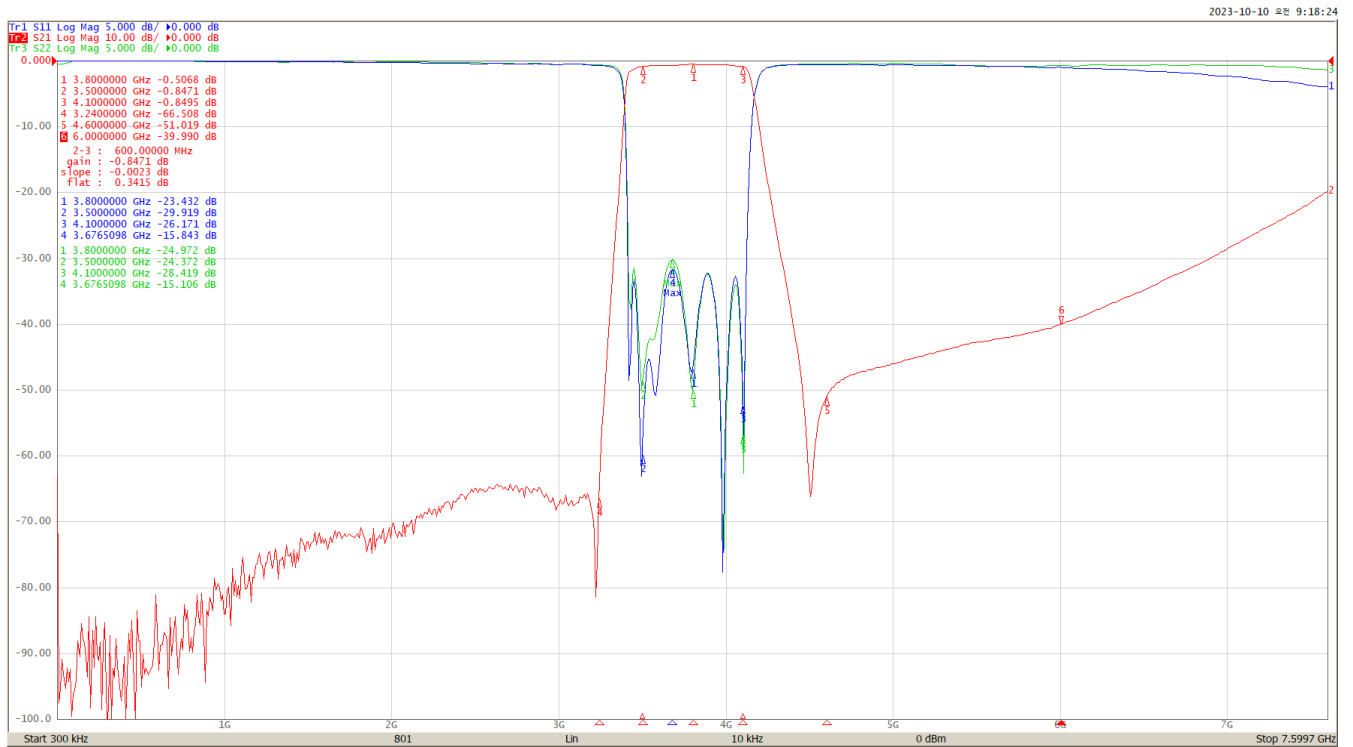
Note
1. Connector: SMD
2. Finish: Silver plated

■ Electrical Specification

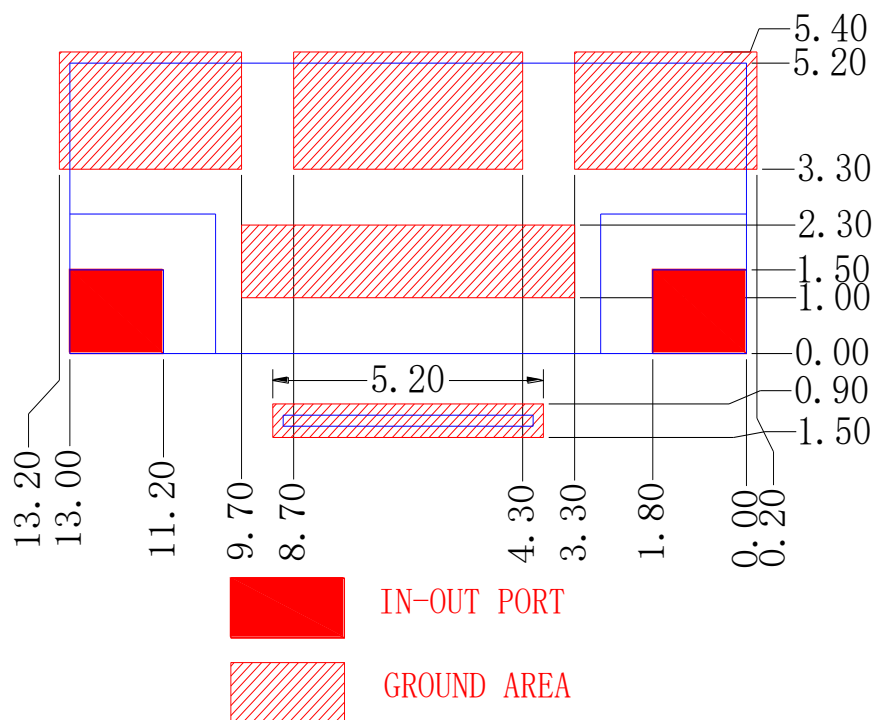
Parameter	Specification	Remark
1. Center Frequency	3800MHz	
2. Bandwidth [BW]	$F_c \pm 300\text{MHz}$ [3500~4100MHz]	
3. Insertion Loss in BW	3.0dB Max.	
4. Ripple in BW	1.0dB Max.	
5. Return Loss in BW	14dB Min.	
6. In/Out Impedance	50 Ω	
7. Attenuation [Absolute Value]	30dBc Min.@ 4600~6000MHz	
	50dBc Min.@ DC to 3240MHz	
8. Power Handling	1W Max.	
9. Operation Temperature Range	-45°C to +85°C	
10. Storage Temperature Range	-45°C to +85°C	
11. RoHs	Compliance	

Remarks: This is a preliminary datasheet for reference.

TEST CURVE



Recommended Land Pattern



Remarks: Recommending using silver-containing solder paste.