

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

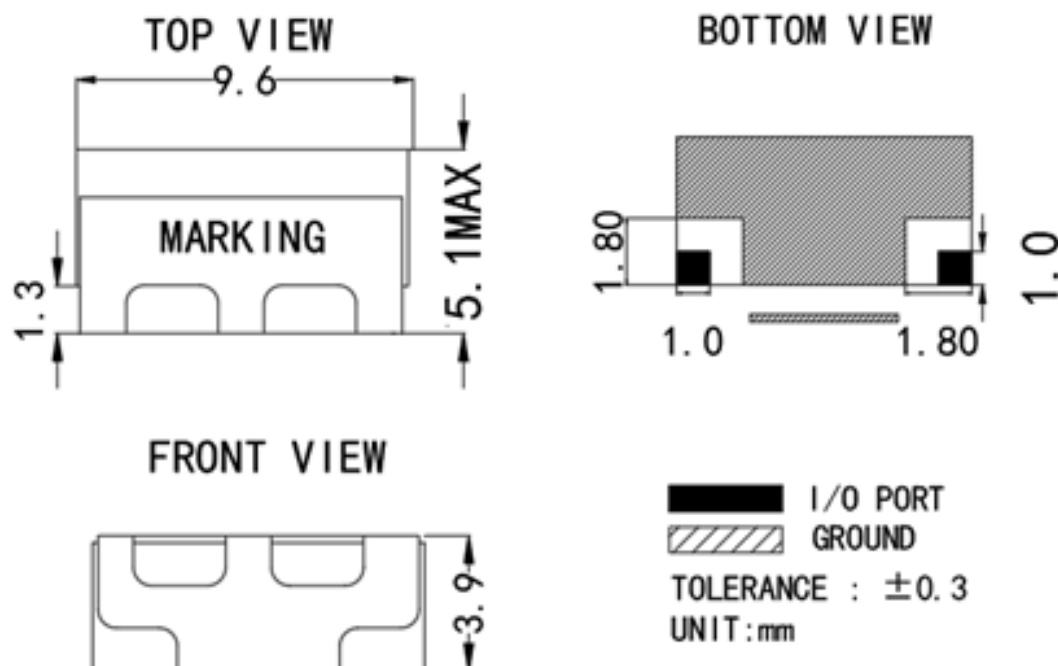
Product Name : Ceramic Band Pass Filter

Part No : MBP-C5900_50MM-A-R2

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2025.02.14.	Jeffrey Jeong	Michael Jeon
2	R1	Down sized, Temp range changed, G.D. added	2025.02.17.	Jeffrey Jeong	Michael Jeon
3	R2	Harmonics 35dBc added	2025.02.19	Jeffrey Jeong	Michael Jeon
4					
5					
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■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	5900.0MHz	
2. Bandwidth	50MHz [5875 ~ 5925MHz]	
3. Insertion Loss in BW	1.5dB Max.	
4. Ripple in BW	0.5dB Max.	
5. V.S.W.R. in BW	1.5 : 1 Max	
6. Rejection	35dBc min @ DC ~ 3000MHz 30dBc min @ 5300MHz 35dBc min @ 6500MHz 35dBc min @ 6.5 ~ 8800MHz	
7. Group Delay Fluctuation in BW	1.0 nS Max.	
8. Power Handling	30dBm Max	
9. In/Out Impedance	50Ω	
10. Operating Temp Range	-40°C ~ +85°C	
11. Dimension[WxDxH]	9.6 X 5.1 X 3.9mm ± 0.3 Max	

※It is subjected to change with prior notice.

■ Simulation Curve

