

PRODUCT SPECIFICATION FOR INFORMATION

FINAL SPECIFICATION

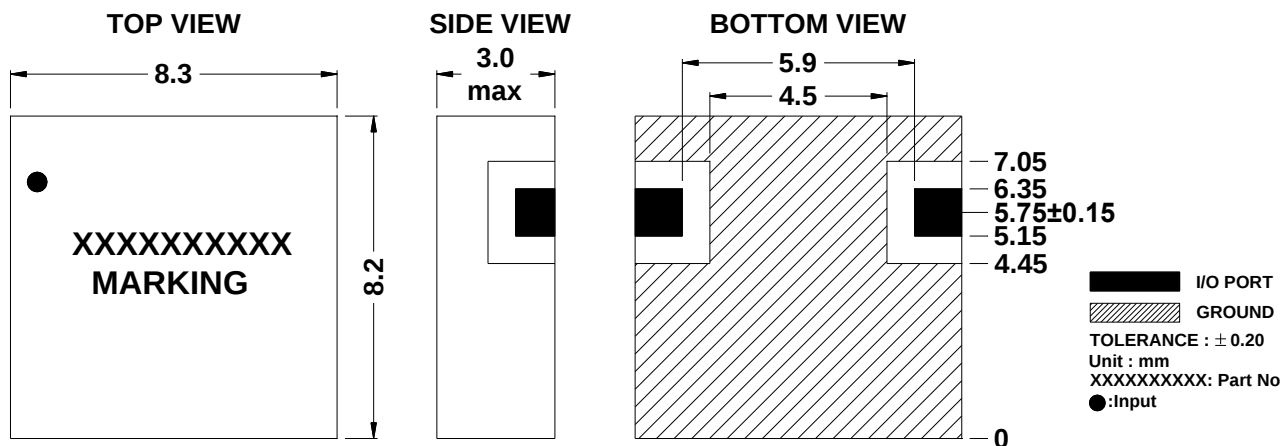
Product Name : Ceramic Band Pass Filter

Part No : MBP-C947.5_25MM-A-R1

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.03.19.	Jeffrey Jeong	Michael Jeon
2	R1	In/Output PAD 5.75mm, Tolerance +/-0.2mm	2024.03.21	Jeffrey Jeong	Michael Jeon
3					
4					
5					
6					

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	947.5MHz	
2. Bandwidth	25MHz [935 ~ 960MHz]	
3. Insertion Loss in BW	3.0dB Max.	
4. Ripple in BW	1.0dB Max.	
5. V.S.W.R. in BW	2.0 : 1 Max	
6. Attenuation[Absolute Value]	45dB min @ 870MHz 15dB min @ 915MHz 12dB min @ 980MHz 28dB min @ 1025MHz	
7. Power Handling	30dBm Max.	
8. In/Out Impedance	50Ω	
9. Operating Temp Range	-40°C ~ +70°C	
10. Storage Temp Range	-55°C ~ +85°C	
14. Dimension[WxDxH]	8.3 X 8.2 X <u>3.0mm Max</u> (±0.2 Max)	

■ Test Curve

