

PRODUCT SPECIFICATION FOR INFORMATION

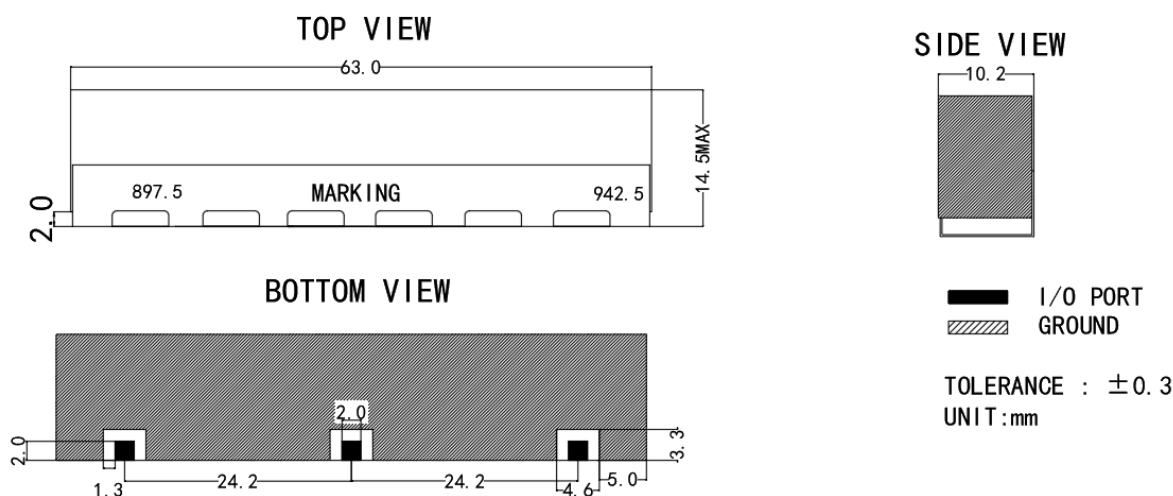
FINAL SPECIFICATION

Product Name : Ceramic Duplexer
Part No : MDP-C897-C942_35MM-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.07.09.	Jeffrey Jeong	Michael Jeon
2					
3					
4					
5					
6					

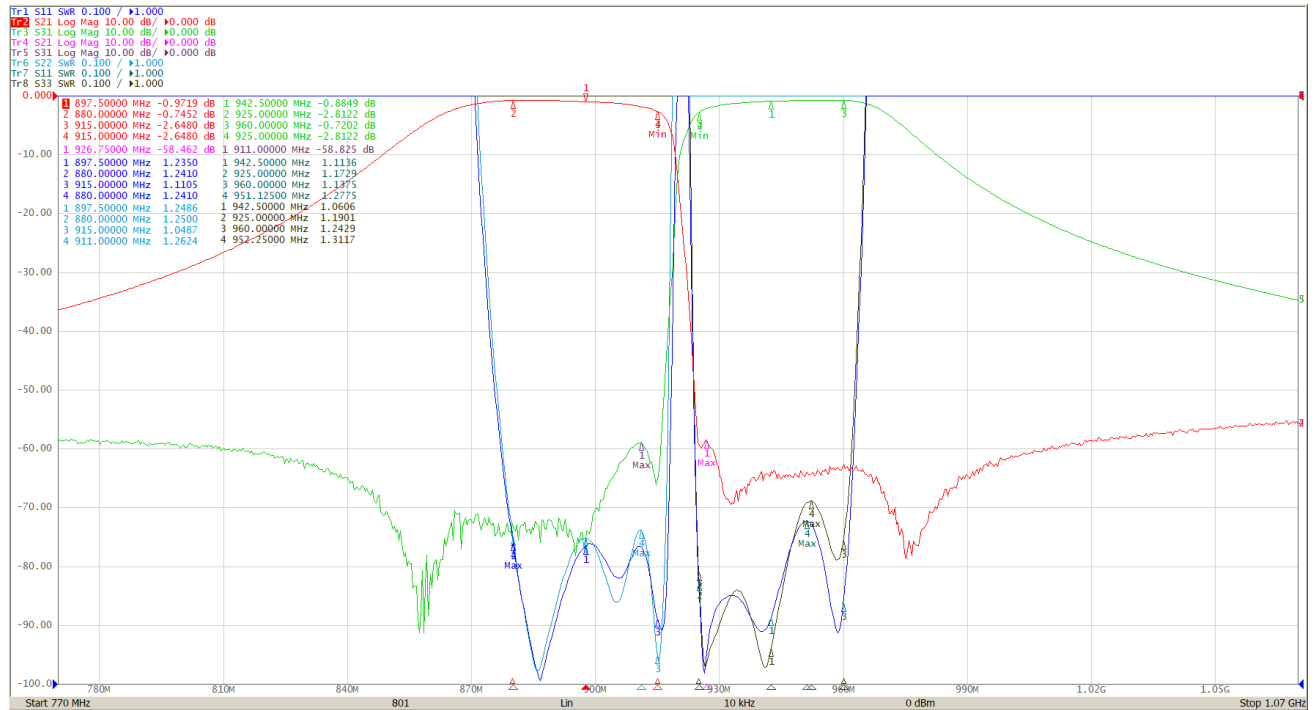
■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification		Remark
1. Channel	Channel 1	Channel 2	
2. Center Frequency	897.5MHz	942.5MHz	
3. Bandwidth	35MHz(880 ~ 915MHz)	35MHz(925 ~ 960MHz)	
3. Insertion Loss in BW @ 25°C	3.0dB Max	3.0dB Max	
4. Insertion Loss in BW @ -40°C ~ +70°C	3.2dB Max	3.2dB Max	
5. V.S.W.R. in BW @ 25°C	1.6 : 1 Max	1.6 : 1 Max	
6. V.S.W.R. in BW @ -40°C ~ +70°C	1.7 : 1 Max	1.7 : 1 Max	
7. Attenuation @ 25°C	55dB Min @ 925 ~ 960MHz	55dB Min @ 880 ~ 915MHz	
8. Attenuation @ -40°C ~ +70°C	53dB Min @ 925 ~ 960MHz	53dB Min @ 880 ~ 915MHz	
9. Power Handling	6W Max		
10. In/Out Impedance	50Ω		
11. Operating Temp Range	-40°C ~ +70°C		
12. Dimension[WxDxH]	63.0 X 14.5.0 X 10.2 mm		

Test Curve



Recommended PCB Land Pattern

