

PRODUCT SPECIFICATION FOR INFORMATION

FINAL SPECIFICATION

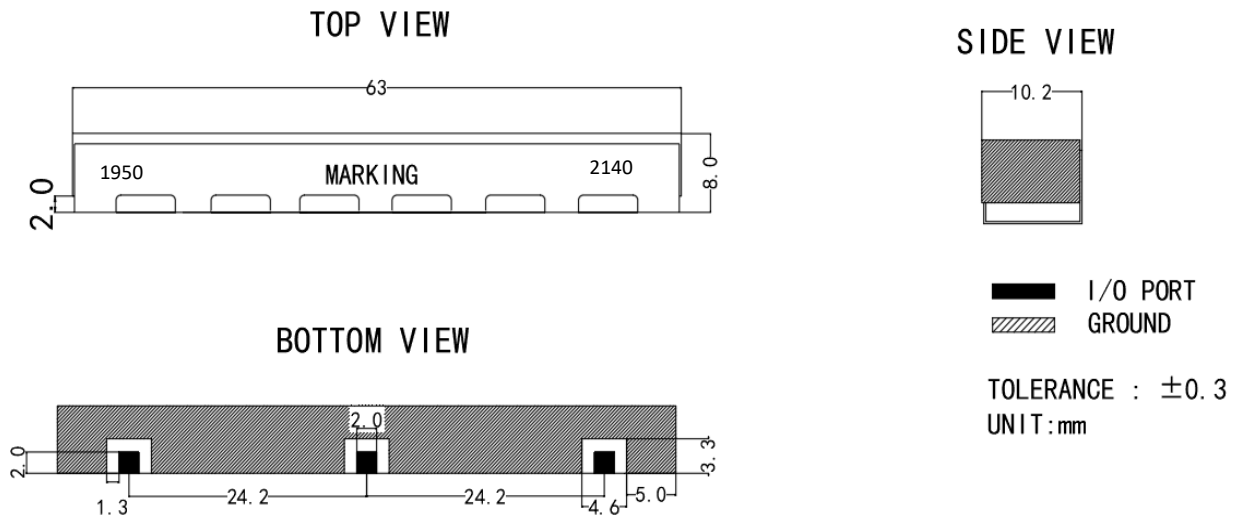
Product Name : Ceramic Duplexer

Part No : MDP-C1950-C2140_60MM-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.07.08.	Jeffrey Jeong	Michael Jeon
2					
3					
4					
5					
6					

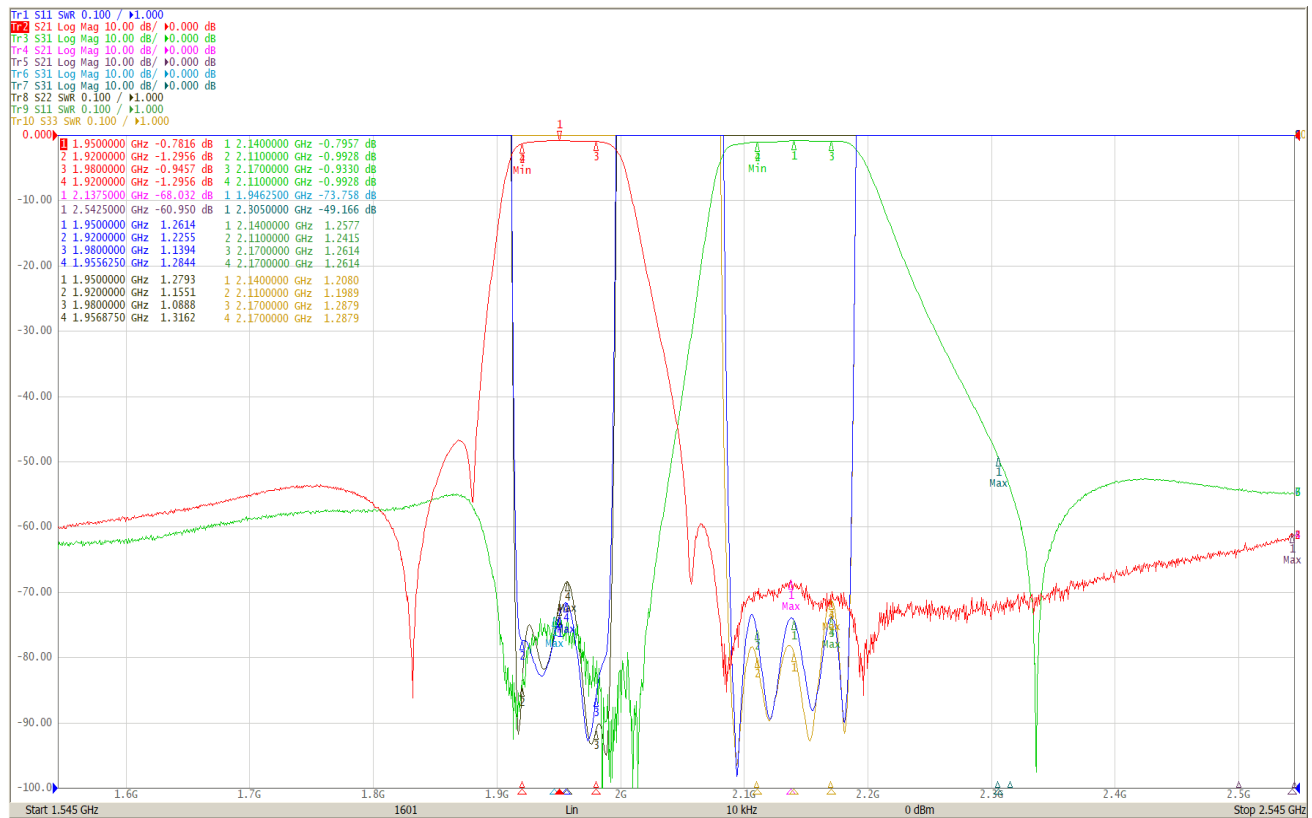
■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification		Remark
1. Channel	Channel 1	Channel 2	
2. Center Frequency	1950MHz	2140MHz	
3. Bandwidth	60MHz(1920 ~ 1980MHz)	60MHz(2110 ~ 2170MHz)	
3. Insertion Loss in BW @ 25°C	1.5dB Max	1.0dB Max	
4. Insertion Loss in BW @ -40°C ~ +70°C	1.5dB Max	1.1dB Max	
5. V.S.W.R. in BW @ 25°C	1.4 : 1 Max	1.4 : 1 Max	
6. V.S.W.R. in BW @ -40°C ~ +70°C	1.5 : 1 Max	1.5 : 1 Max	
7. Attenuation @ 25°C	67dB Min @ 2110 ~ 2170MHz 43dB Min @ 1805 ~ 1880MHz	73dB Min @ 1920 ~ 1980MHz 43dB Min @ 2305 ~ 2315MHz	
8. Attenuation @ -40°C ~ +70°C	67dB Min @ 2110 ~ 2170MHz 43dB Min @ 1805 ~ 1880MHz	73dB Min @ 1920 ~ 1980MHz 43dB Min @ 2305 ~ 2315MHz	
9. Power Handling	6W Max		
10. In/Out Impedance	50Ω		
11. Operating Temp Range	-40°C ~ +70°C		
12. Dimension[WxDxH]	63.0 X 8.0 X 10.2 mm		

Test Curve



Recommended PCB Land Pattern

