

PRODUCT SPECIFICATION FOR INFORMATION

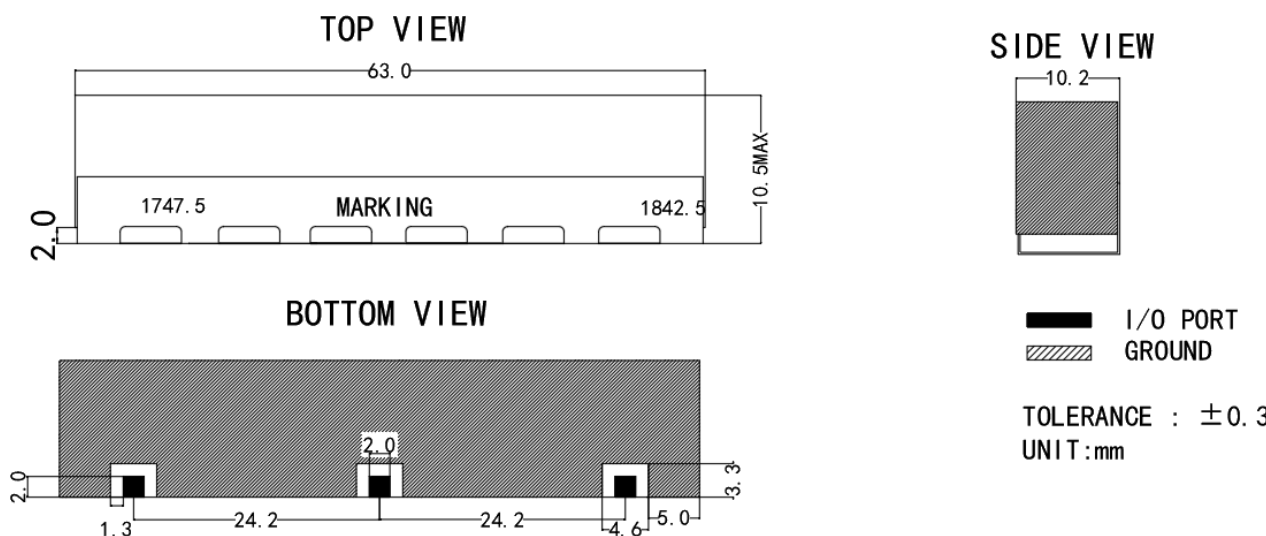
FINAL SPECIFICATION

Product Name : Ceramic Duplexer
Part No : MDP-C1747-C1842_75MM-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					

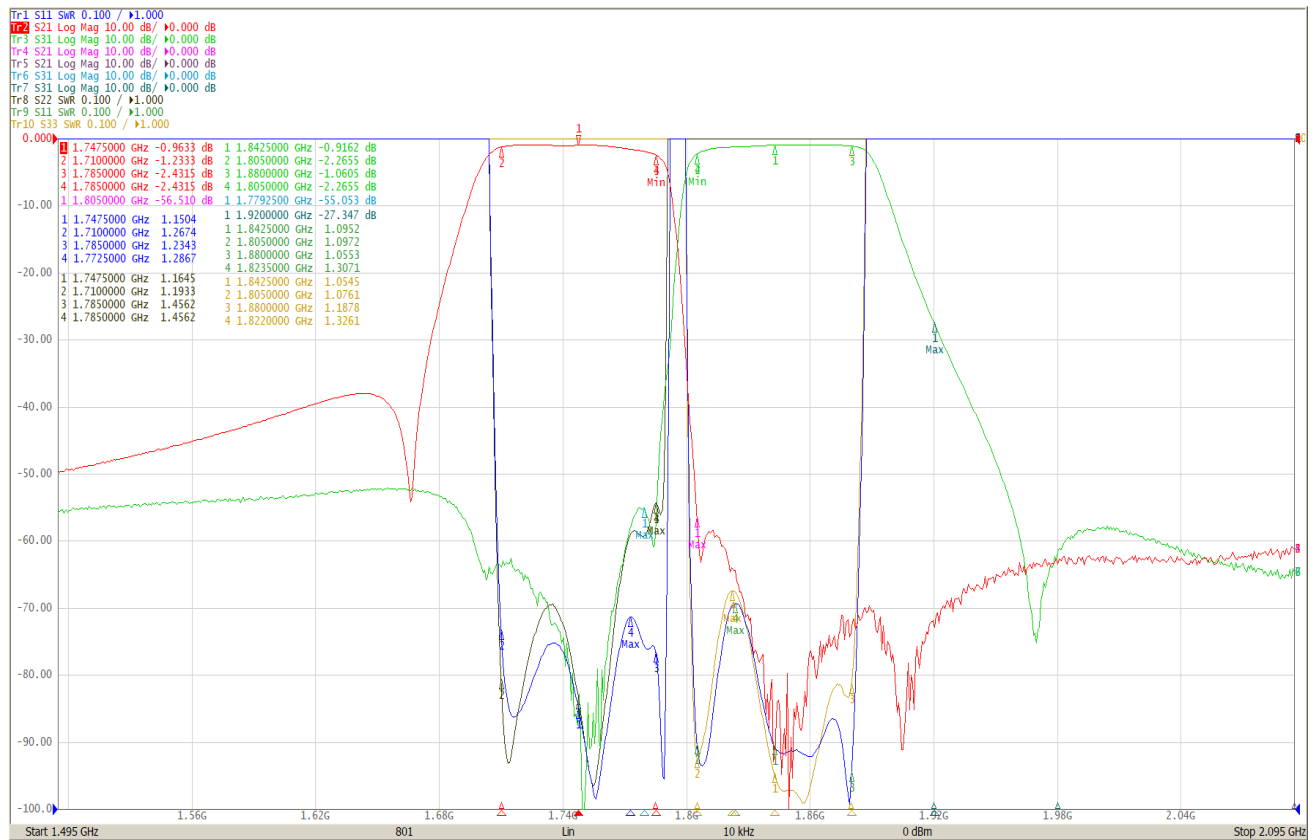
■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification		Remark
1. Channel	Channel 1	Channel 2	
2. Center Frequency	1747.5MHz	1842.5MHz	
3. Bandwidth	75MHz(1710 ~ 1785MHz)	75MHz(1805 ~ 1880MHz)	
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	50dB Min @ 1805 ~ 1880MHz	50dB Min @ 1710 ~ 1785MHz 20dB Min @ 1920 ~ 1980MHz	
8. Attenuation @ -40°C ~ +70°C	48dB Min @ 1805 ~ 1880MHz	48dB Min @ 1710 ~ 1785MHz 20dB Min @ 1920 ~ 1980MHz	
9. Power Handling	6W Max		
10. In/Out Impedance	50Ω		
11. Operating Temp Range	-40°C ~ +70°C		
12. Dimension[WxDxH]	63.0 X 10.5 X 10.2 mm		

Test Curve



Recommended PCB land pattern

