

PRODUCT SPECIFICATION FOR INFORMATION

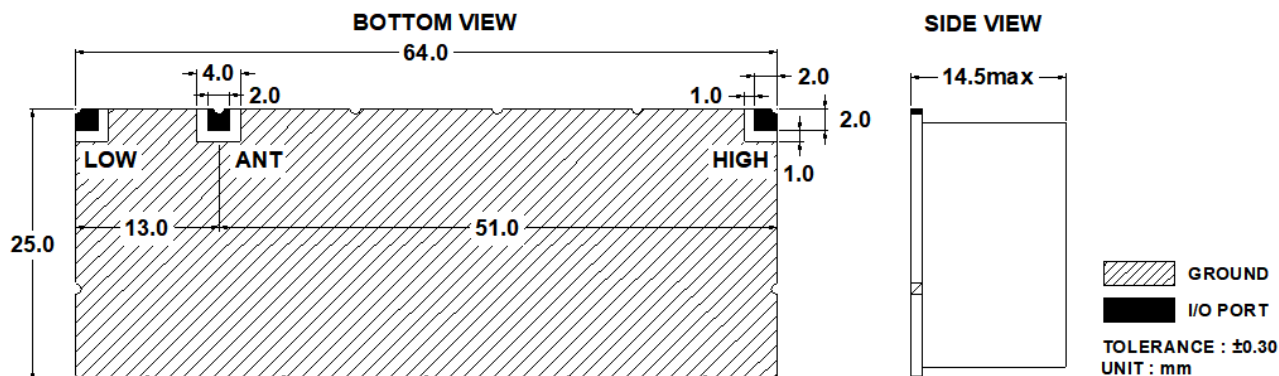
FINAL SPECIFICATION

Product Name : Ceramic Duplexer
Part No : MDP-C750-C915_100MM-A-R1

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.10.22.	Jeffrey Jeong	Michael Jeon
2	R1	Insertion Loss improved by in-larging the size	2024.10.24.	Jeffrey Jeong	Michael Jeon
3					
4					
5					
6					

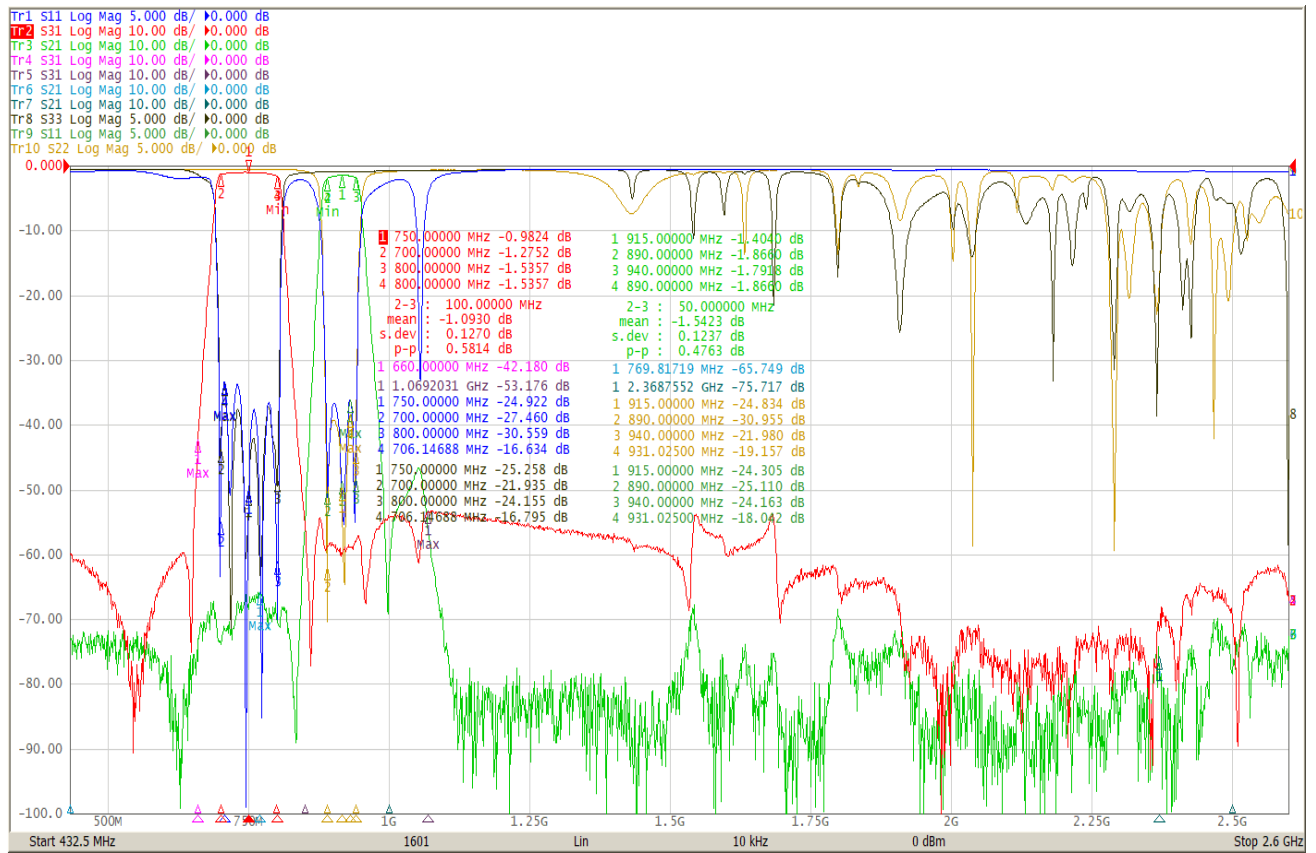
■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification		Remark
	Low	High	
1. Center Frequency	750MHz	915MHz	
2. Bandwidth	100MHz[700 ~ 800MHz]	50MHz[890 ~ 940MHz]	
3. Insertion Loss in BW	2.0dB Max	2.0dB Max	
4. Ripple in BW	1.0dB Max	1.0dB Max	
5. Return Loss in BW	15dB Min	15dB Min	
6. Attenuation[Absolute Value]	40dB min @ DC ~ 660MHz 50dB min @ 850 ~ 2500MHz	50dB min @ DC ~ 800MHz 40dB min @ 1000 ~ 2500MHz	
7. Power Handling	8W 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]	64.0 X 25.0 X 14.5mm ± 0.3 Max		

Test Curve



Recommended PCB Land Pattern

