

PRODUCT SPECIFICATION FOR INFORMATION

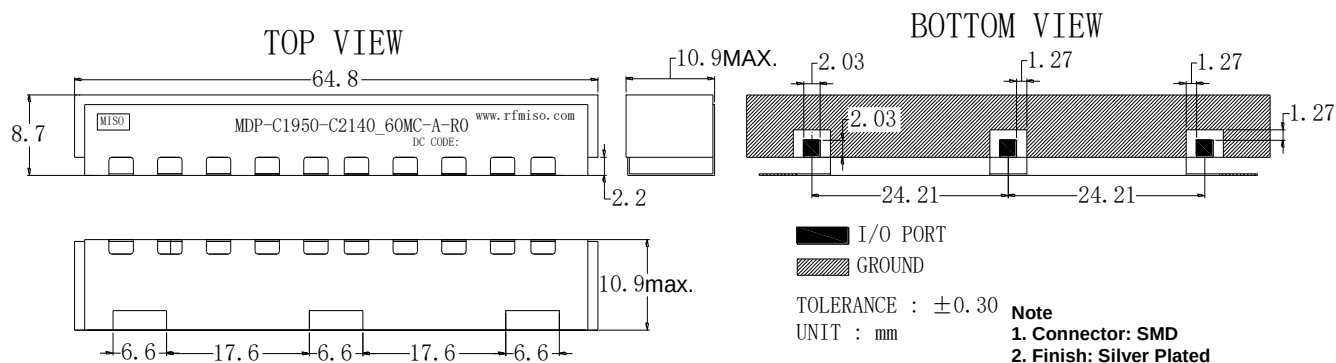
FINAL SPECIFICATION

Product Name: Ceramic Duplexer
Part No: MDP-C1950-C2140_60MC-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2022.03.03	Bryan Jeon	Michael Jeon

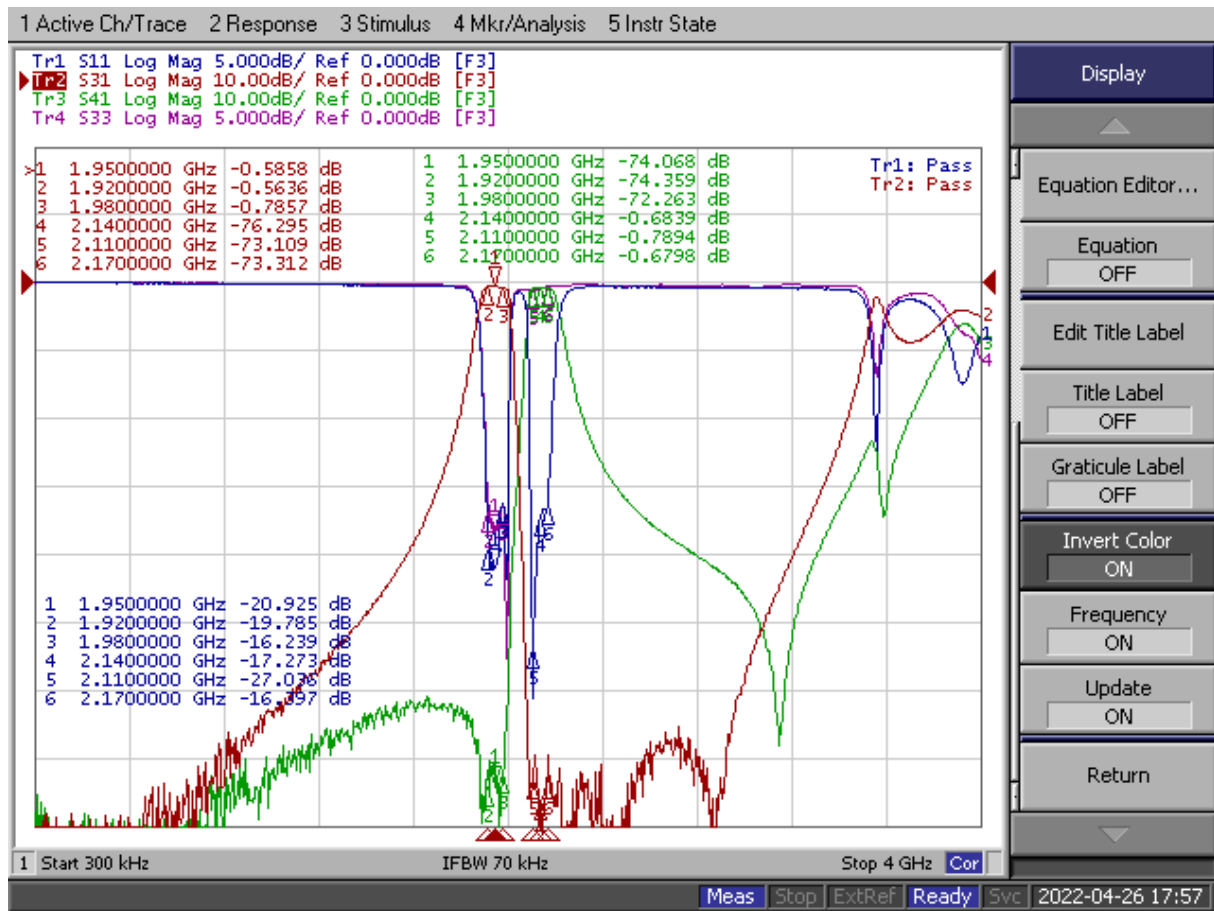
■ Mechanical Drawing



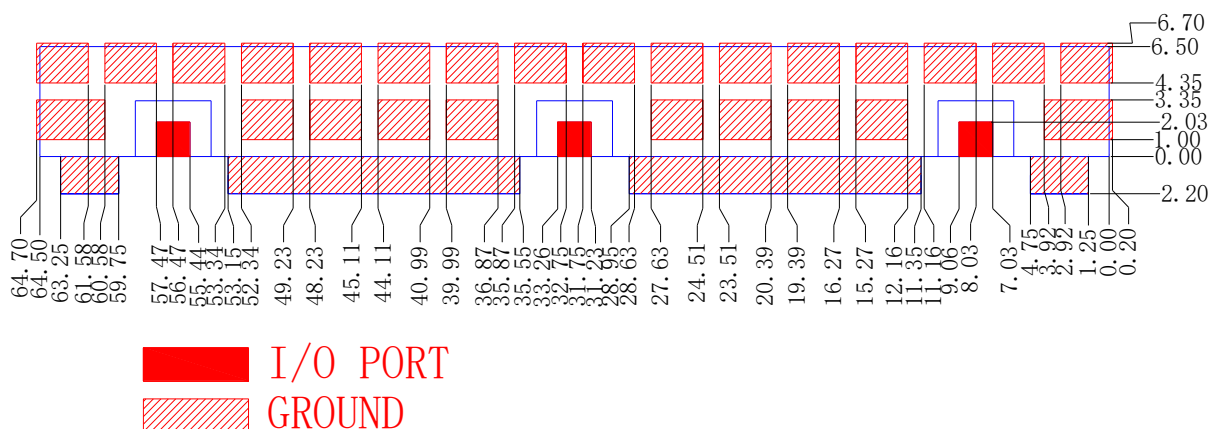
■ Electrical Specification

Parameter	Specification		Remark
	ANT >> Low	ANT >> High	
1. Center Frequency	1950MHz	2140MHz	
2. Bandwidth	$F_c \pm 30\text{MHz}$ [1920~1980MHz]	$F_c \pm 30\text{MHz}$ [2110~2170MHz]	
3. Insertion Loss in BW	1.8dB Max.	1.8dB Max.	
4. Ripple in BW	1.0dB Max.	1.0dB Max.	
5. Return Loss in BW	14dB Min.	14dB Min.	
6. Attenuation [Absolute Value]	72dB Min. @2110~2170MHz	72dB Min. @1920~1980MHz	
7. In/Out Impedance	50Ω		
8. Isolation	72dB Min. @2110~2170MHz 72dB Min. @1920~1980MHz		
8. Temperature Range	-40°C ~ +85°C		
9. Average Input Power	20W Max.		
10. Peak Input Power	200W Max.		

Test Curve



Recommended PC Board Pattern



Remarks: Recommend using silver-containing solder paste.