

PRODUCT SPECIFICATION FOR INFORMATION

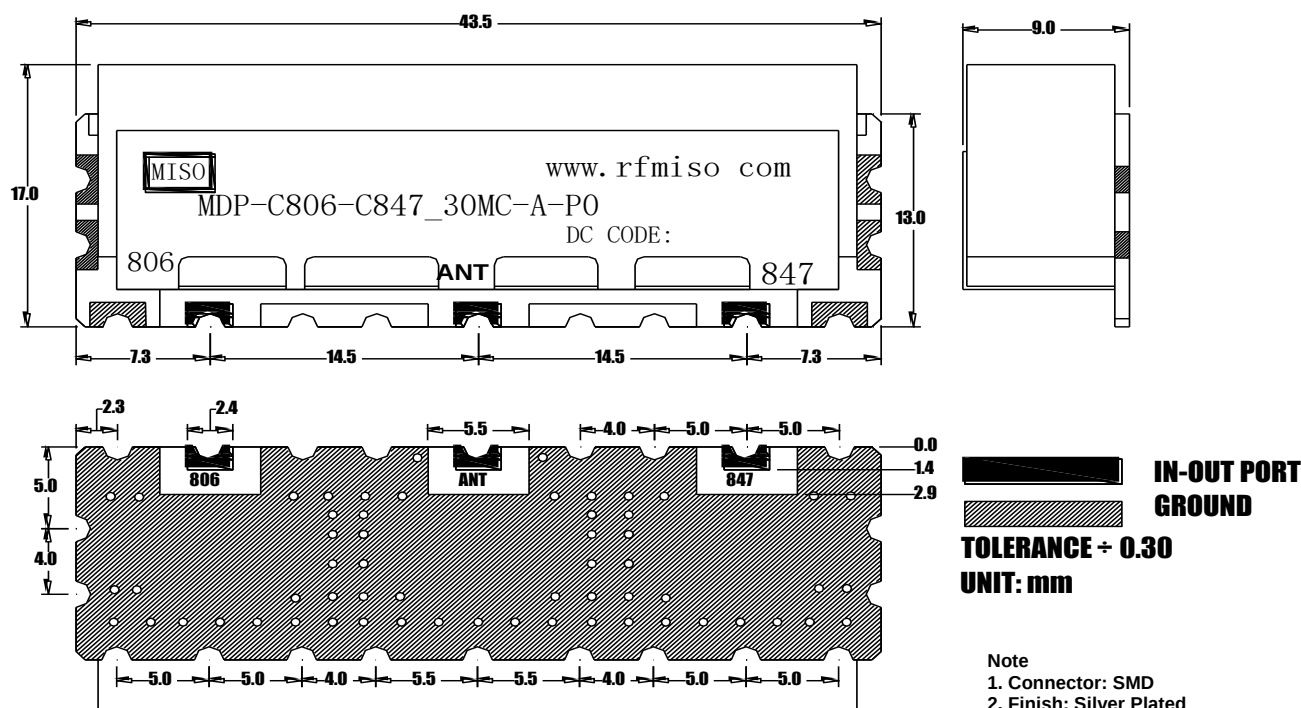
FINAL SPECIFICATION

Product Name: Ceramic Duplexer
Part No: MDP-C806-C847_30MC-A-R0

■ History List

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

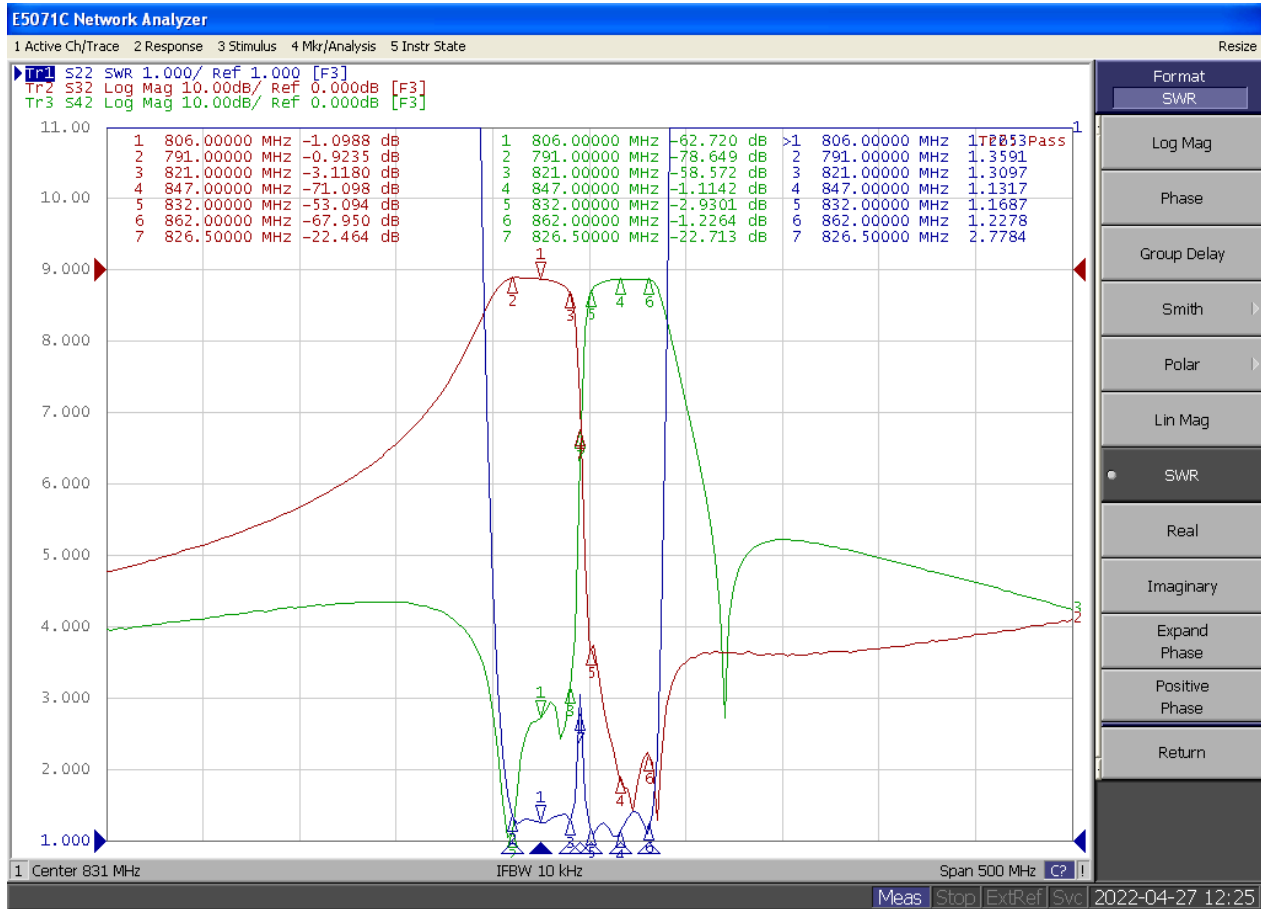
■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification		Remark
	ANT >> Low	ANT >> High	
1. Center Frequency	806MHz	847MHz	
2. Bandwidth	$F_c \pm 15\text{MHz}$ [791~821MHz]	$F_c \pm 15\text{MHz}$ [832~862MHz]	
3. Insertion Loss in BW	3.4dB Max.	3.4dB Max.	
4. Ripple in BW	2.0dB Max.	2.0dB Max.	
5. VSWR in BW	1.5:1 Max.	1.5:1 Max.	
6. Attenuation [Absolute Value]	50dB Min. @832~862MHz	50dB Min. @791~821MHz	
	20dBc Min. @826.5MHz	20dBc Min. @826.5MHz	
7. In/Out Impedance	50Ω		
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

