

PRODUCT SPECIFICATION FOR INFORMATION

FINAL SPECIFICATION

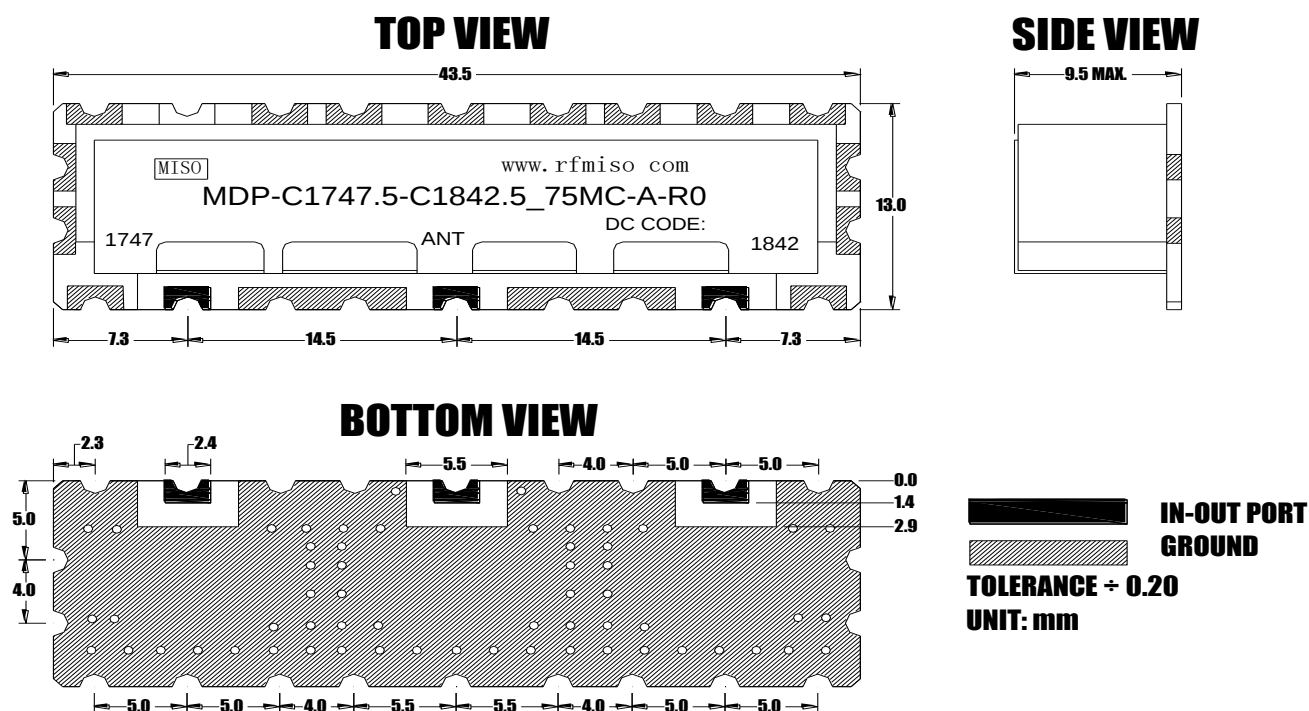
Product Name: Ceramic Duplexer

Part No: MDP-C1747.5-C1842.5_75MC-A-R0

■ History List

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

■ Mechanical Drawing

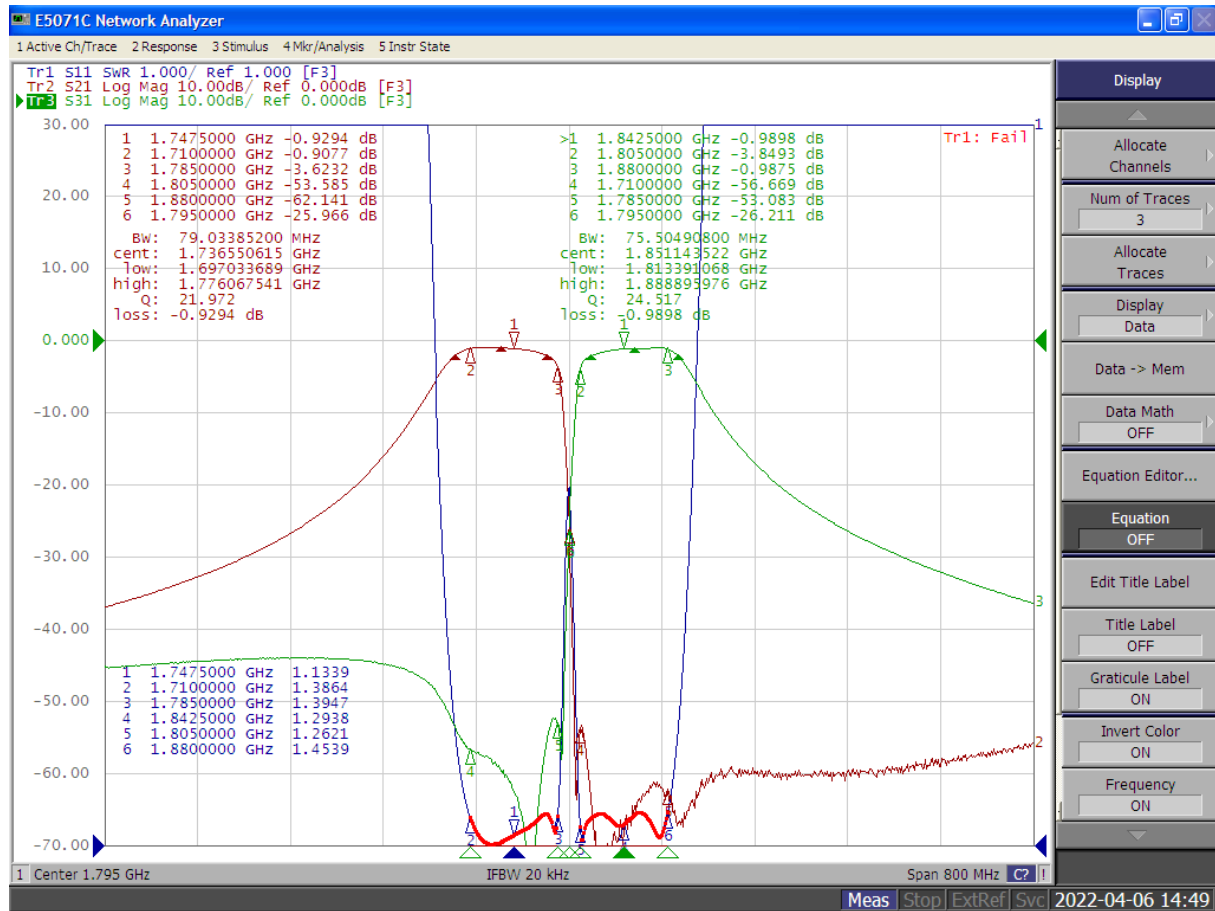


Note
1. Connector: SMD
2. Finish: Silver Plated

■ Electrical Specification

Parameter	Specification		Remark
	ANT >> Tx	ANT >> Rx	
1. Center Frequency	1747.5MHz	1842.5MHz	
2. Bandwidth	Fc $\pm$ 37.5MHz [1710~1785MHz]	Fc $\pm$ 37.5MHz [1805~1880MHz]	
3. Insertion Loss in BW	4.5dB Max.	4.5dB Max.	
4. Ripple in BW	3.5dB Max.	3.5dB Max.	
5. VSWR in BW	1.5:1 Max.	1.5:1 Max.	
6. Attenuation [Absolute Value]	50dB Min. @1805~1880MHz	50dB Min. @1710~1785MHz	
	25dB Min. @1795MHz	25dB Min. @1795MHz	
7. In/Out Impedance	50 Ω		
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

