

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

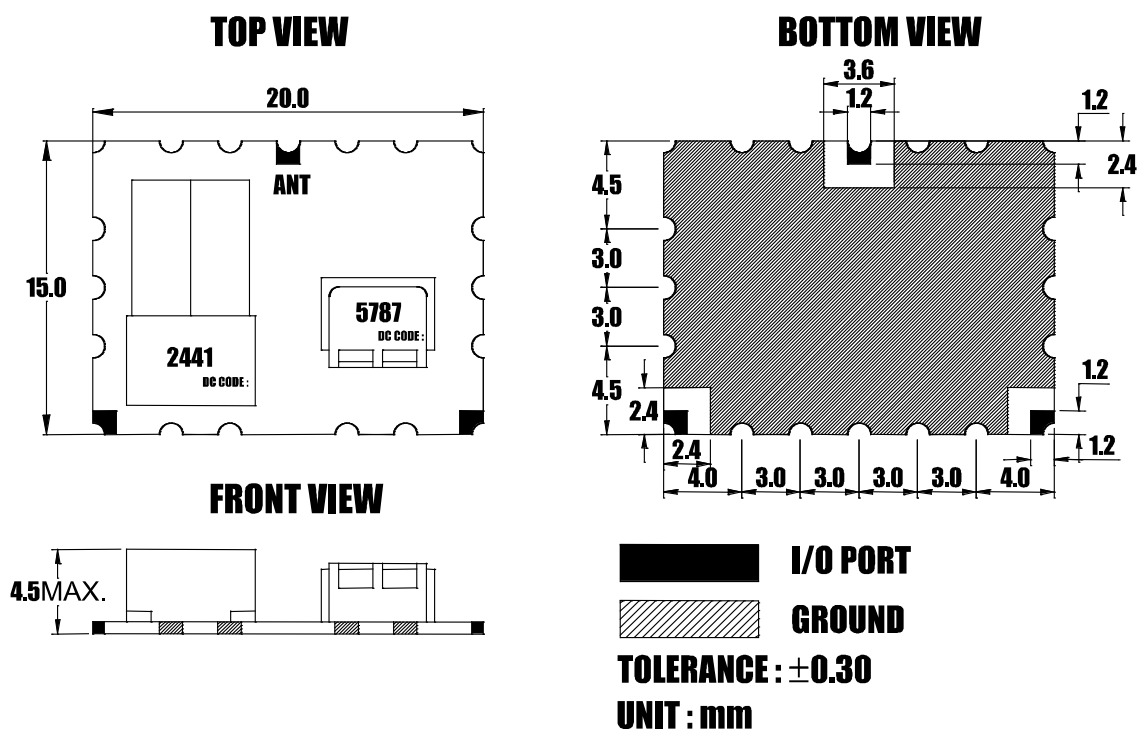
Product Name: Ceramic Duplexer

Part No: MDP-C2441.75-C5787.5_83.5M_125MC-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2022.01.04	Bryan Jeon	Michael Jeon

■ Mechanical Drawing



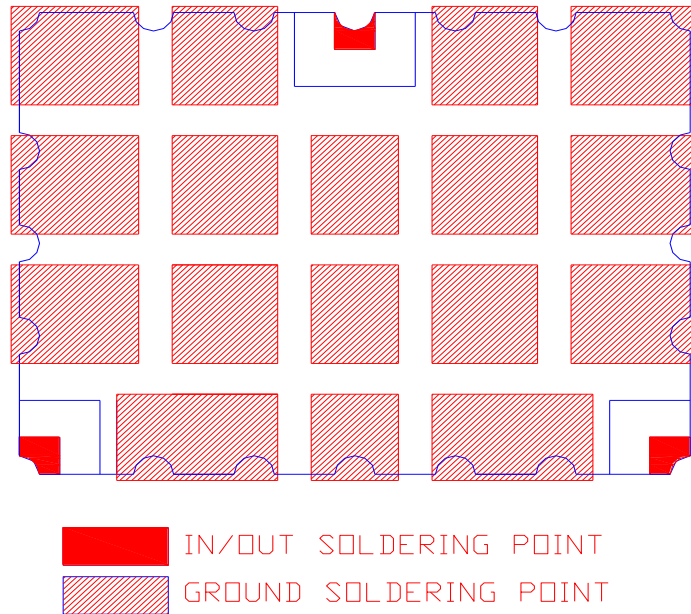
■ Electrical Specification

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

Parameter	Specification		Remark
	Low	High	
1. Center Frequency	2441.75MHz	5787.5MHz	
2. Bandwidth [BW]	$F_c \pm 41.75 [2400 \sim 2483.5]$ MHz	$F_c \pm 62.5 [5725 \sim 5850]$ MHz	
3. Insertion Loss in BW	1.2dB Max.	1.2dB Max.	
4. Ripple in BW	0.5dB Max.	0.5dB Max.	
5. Return Loss in BW	15dB Min.	15dB Min.	
6. Attenuation [Absolute Value]	30dB Min. @ 5725~5850MHz	30dB Min. @ 2400~2483.5MHz	
7. Power	3.0W Max.		
8. In/Out Impedance	50Ω		
9. Operation Temperature Range	-40°C to +85°C		

Remarks: This is a preliminary datasheet for reference.

■ Recommended PC Board Pattern



Remarks: Recommend using silver-containing solder paste.