

PRODUCT SPECIFICATION FOR INFORMATION

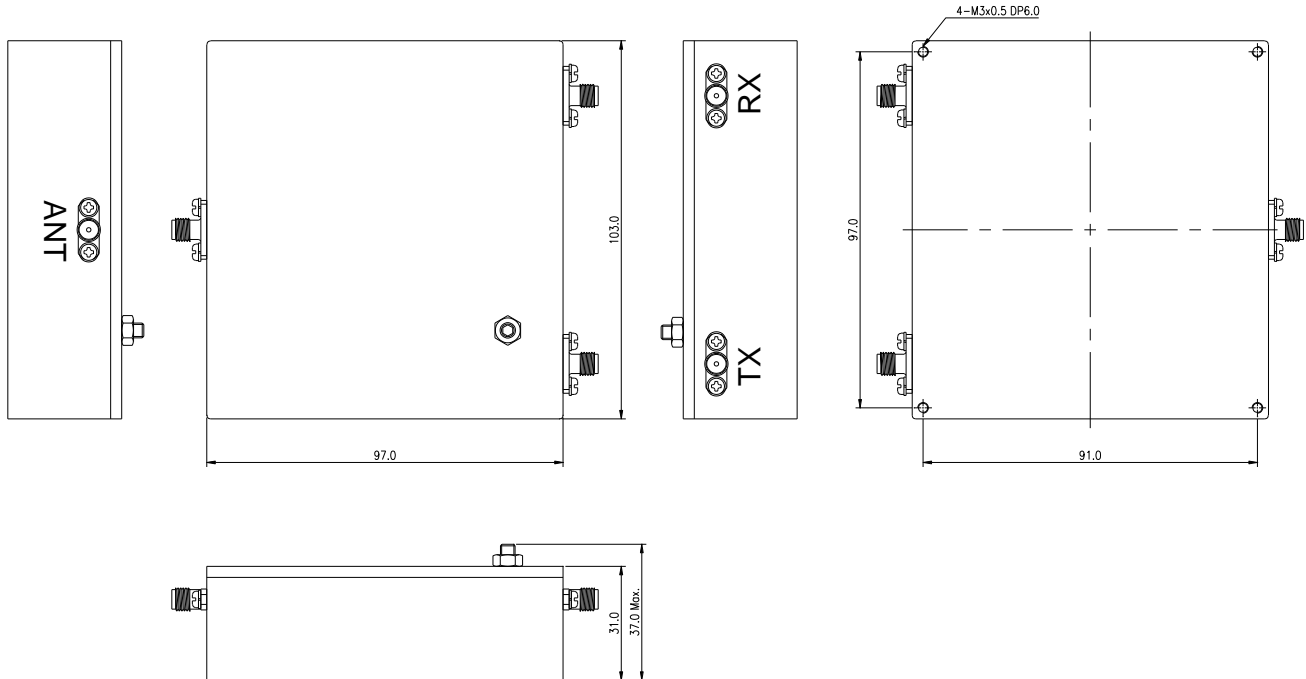
PRELIMINARY SPECIFICATION

Product Name : Cavity Diplexer

Part No : MDI-C2070-C2250_100M-A-R0

.	Rev. No.	Description	Date	Author	Final Approver
1	R0	First Draft	2023.12.18	Jeffrey Chung	Michael Jeon

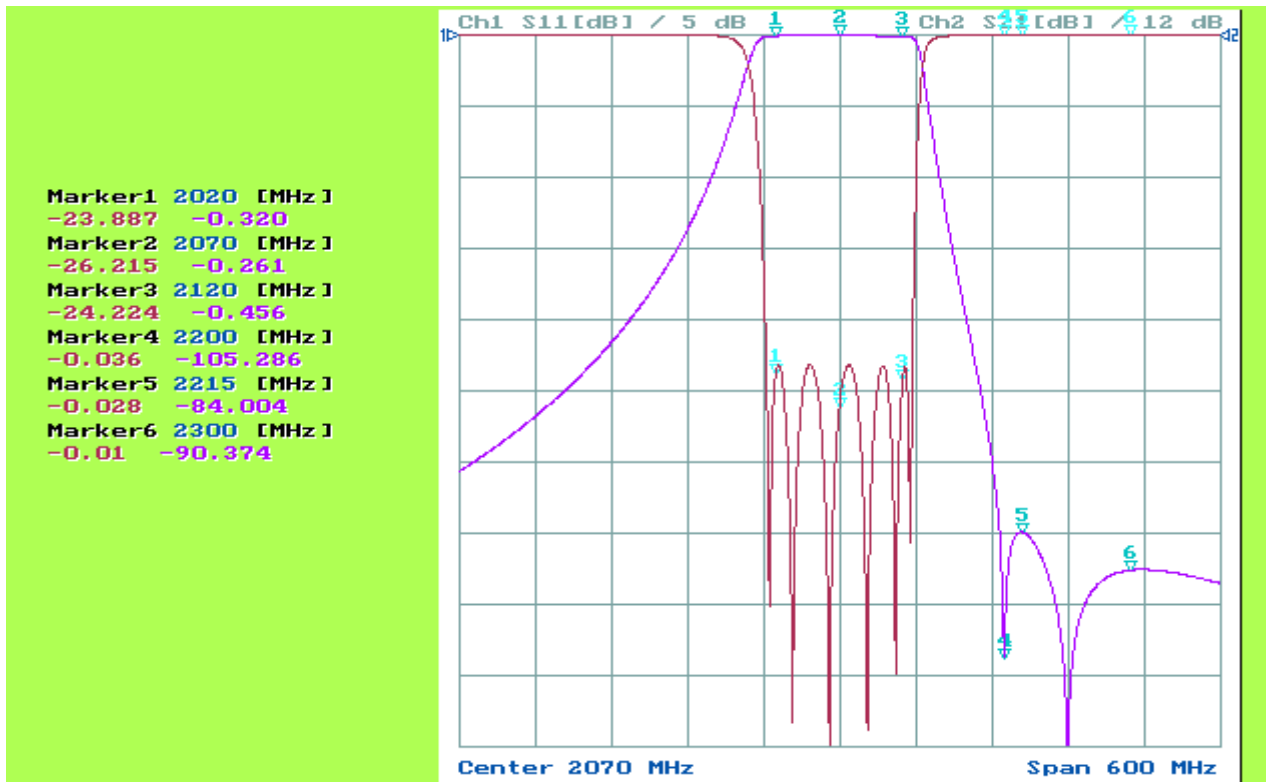
■ Mechanical Drawing



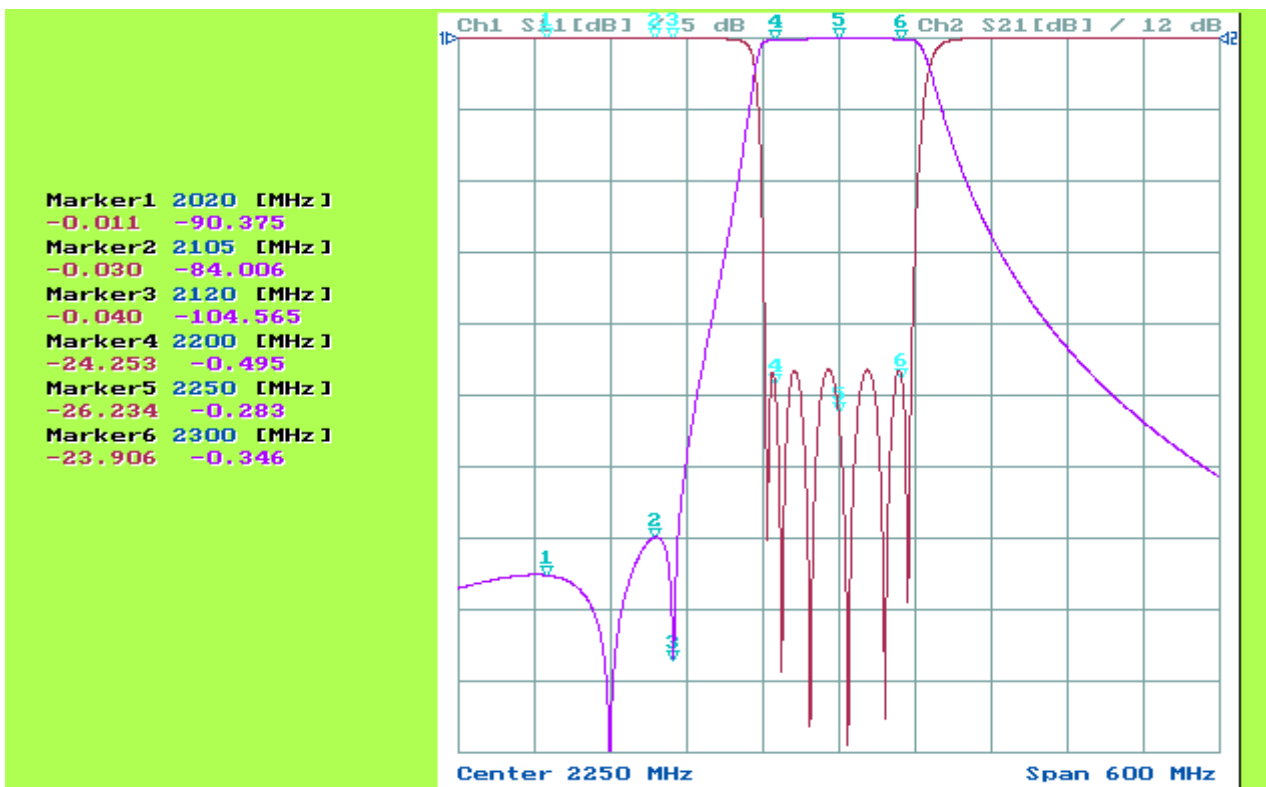
■ Electrical Specification

Item	Specification		Remark
	RX0	TX	
1. Center Frequency	2070 MHz	2250 MHz	OK
2. Pass Band Frequency	fo±50[2020~2120]MHz	fo±50[2200~2300]MHz	OK
3. Insertion Loss	0.6 dB Max.	0.6 dB Max.	OK
4. Return Loss	18dB Min.		OK
5. Isolation	80dB Min.		OK
6. In/Out Impedance	50 Ω		OK
7. Power	10 W Max.		OK
8. Temperature Range	-40°C ~ +85°C		OK
9. Dimension [WxDxH]	103.0 x 97.0 x 37.0mm		Proposed
10. Connector	SMA(f)		OK
11. Finish	BLACK		Proposed

■ Simulation Data



<2020 - 2120 MHz>



<2200 - 2300 MHz>