

PRODUCT SPECIFICATION FOR INFORMATION

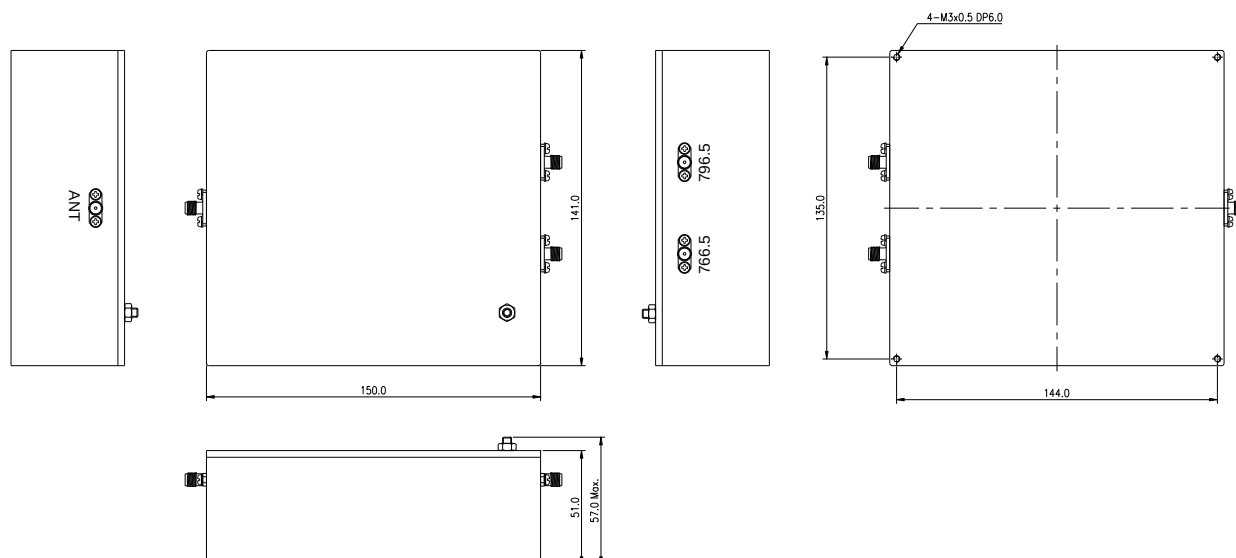
PRELIMINARY SPECIFICATION

Product Name : Cavity Diplexer

Part No : MDI-C766.5-C796.5_17M-17MS-A-R0

.	Rev. No.	Description	Date	Author	Final Approver
1	R0	First Draft	2024.04.18	Jeffrey Chung	Michael Jeon

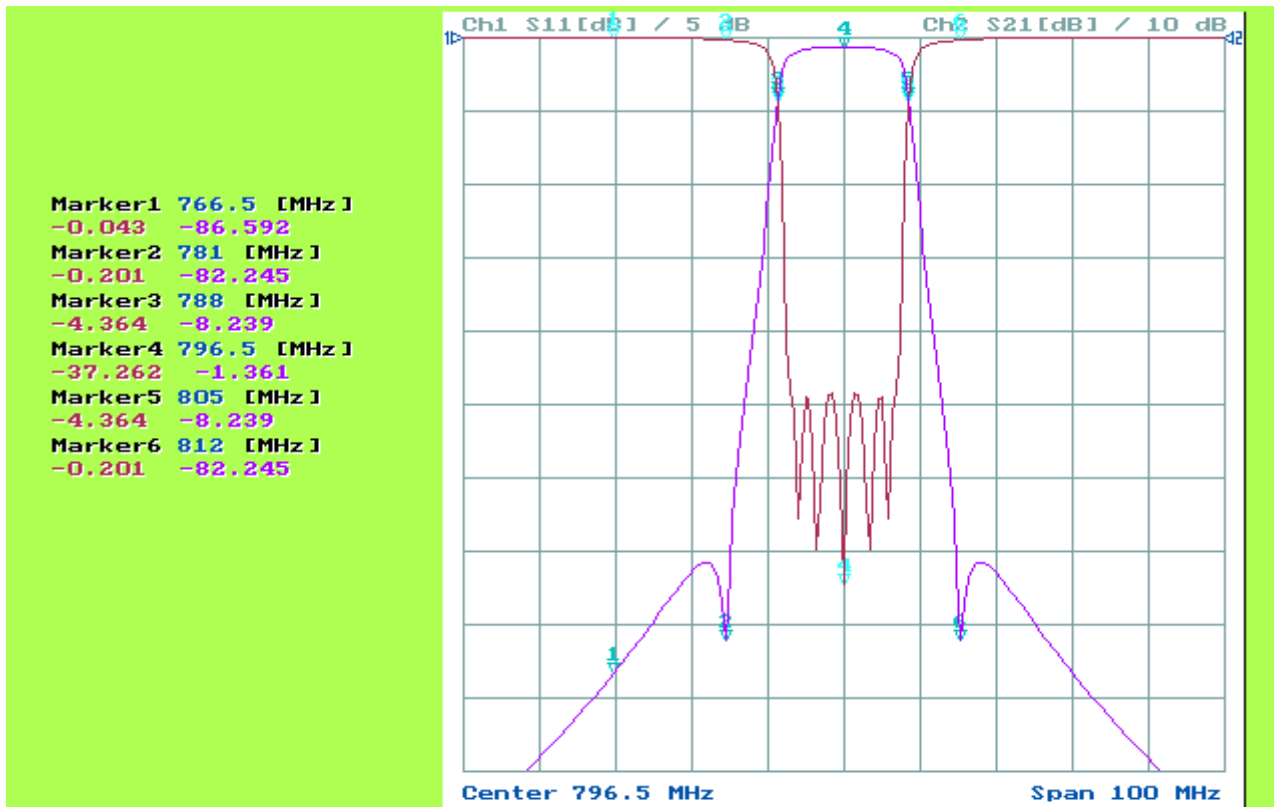
■ Mechanical Drawing



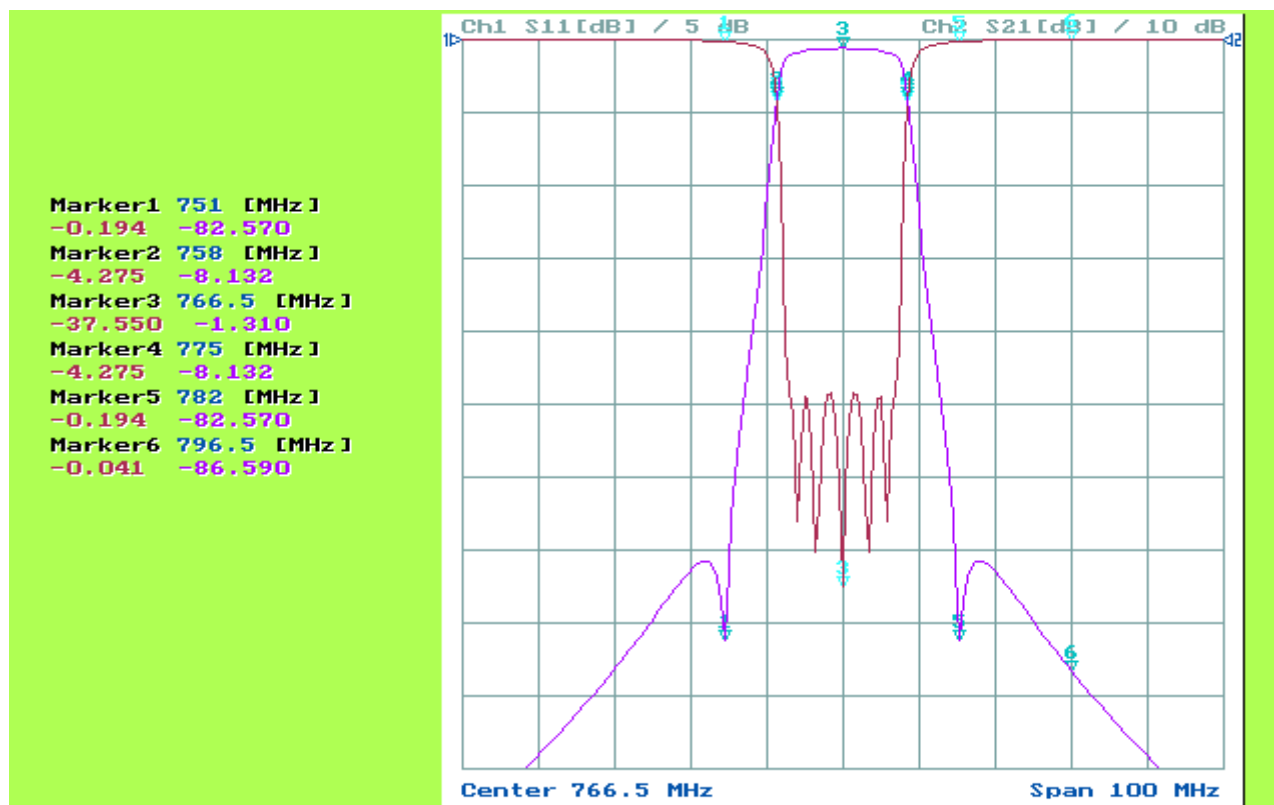
■ Electrical Specification

Item	Specification		Remark
	UL	DL	
1. Center Frequency	796.5 MHz	766.5 MHz	OK
2. Insertion Loss	2.0 dB Max.	2.0 dB Max.	OK
3. BW 3dB	17MHz Max.	17MHz Max.	OK
4. BW 60dB	34MHz Max.	34MHz Max.	OK
5. Return Loss	17dB Min.@ Fc		proposal
6. Ultimate Rejection (Isolation)	80dB min.		OK
7. In/Out Impedance	50 Ω		OK
8. Power	5 W Max.		OK
9. Temperature Range	0°C ~ +60°C		OK
10. Dimension [WxDxH]	141.0 x 150.0 x 57.0 [mm]		proposal
11. Connector	SMA(f)		OK
12. Finish	Black		TBD

■ Simulation Data



796.5 MHz



766.5 MHz