

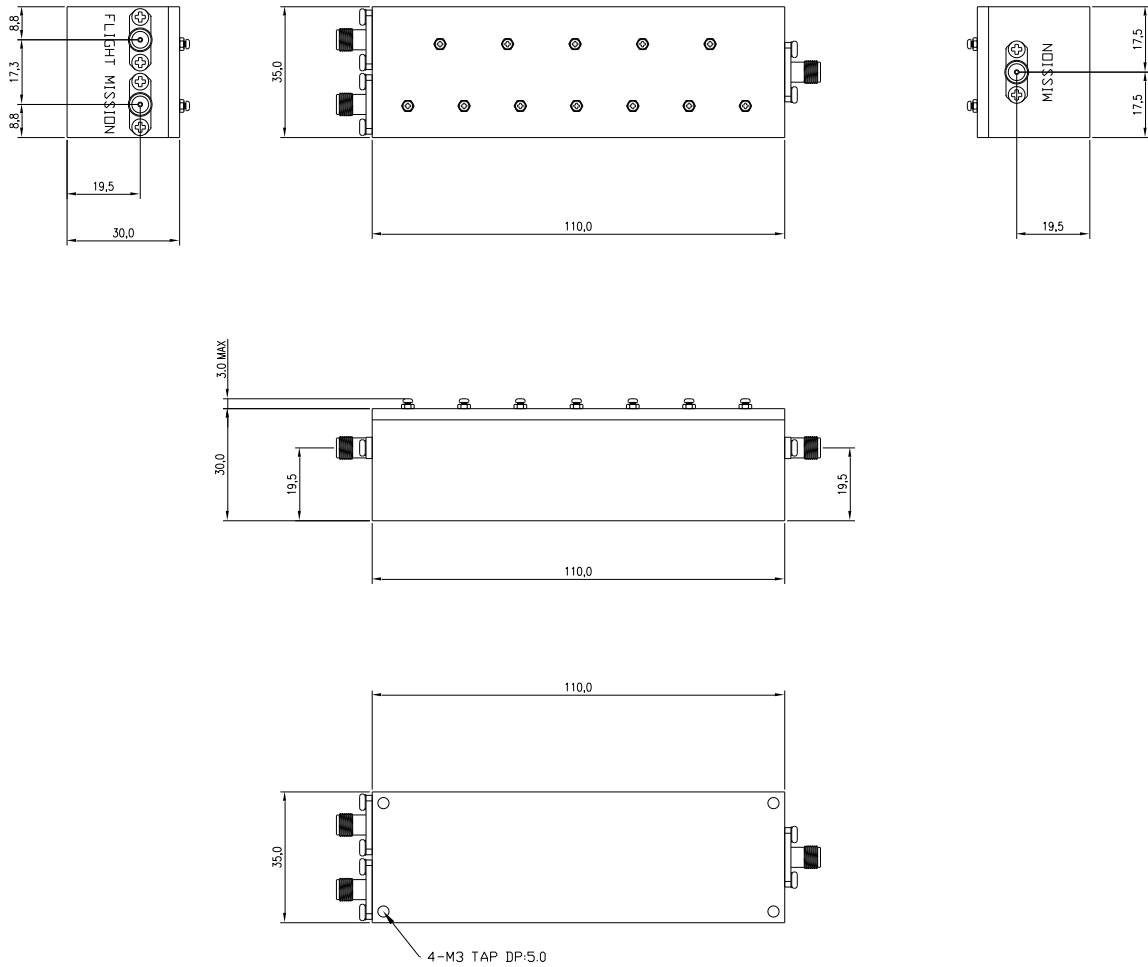
PRELIMINARY SPECIFICATION

Product Name : Cavity Diplexer
Part No : MDI-C2300-C4695_200_590MS-A

No	Rev. No.	Description	Date	Author	Final Approver
1	A	Draft	2021.07.27	Bryan Jeon	Michael Jeon

PRODUCT SPECIFICATION FOR INFORMATION

■ Mechanical Drawing



Note

1. Connector : SMA(F)
2. Finish : Black epoxy except mounting surface

■ Electrical Specification

Parameter		Specification				Remark
		LB		HB		
1. Center Frequency		2300MHz		4695MHz		
2. Frequency Band		2200 ~ 2400MHz (Fc±100MHz)		4400 ~ 4990MHz (Fc±295MHz)		
3. Insertion Loss		0.3 dB Max.		0.5 dB Max.		
4. Return Loss		15 dB Max.				
5. Attenuation		4400 ~ 4990MHz	120 dB Min.	2200 ~ 2400MHz	115dB Min.	
		4990 ~ 7000MHz	50 dB Min.	DC ~ 2200MHz	50 dB Min.	Proposal
6. Input Power		12W				
7. Impedance		50Ω				
8. Mechanical Dimensions		110 × 35 × 30 mm Max.				
9. Environmental	Temp	-20℃ ~ +71℃				
	Shock	20G 11ms sow tooth for X and Y axes / 40G for Z				
	Vibration	MIL-STD-810F, Method 514.5, Procedure 1				

Remarks: This is a preliminary datasheet for reference. The final performance is subject to change.

■ Simulation Data

