

## PRODUCT SPECIFICATION FOR INFORMATION

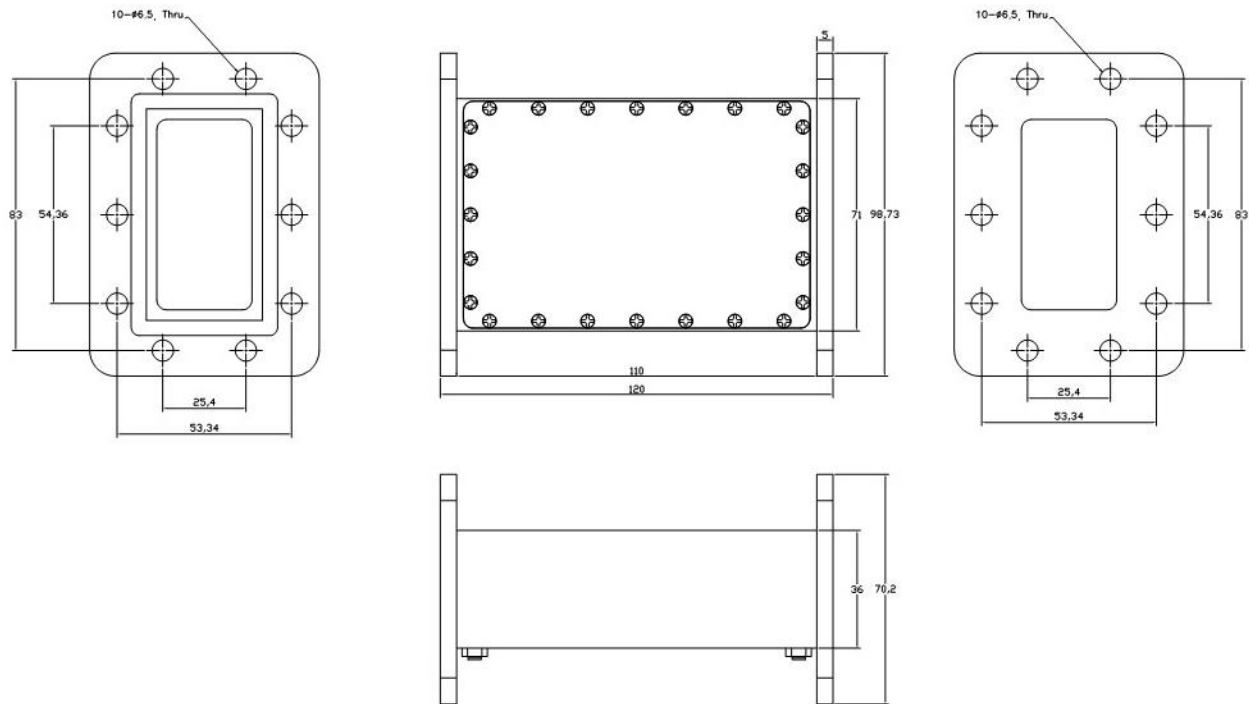
PRELIMINARY SPECIFICATION

**Product Name : Waveguided Band Pass Filter**

**Part No : MBP-C3950-500MW-A-R0**

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2023.10.18	Jeffrey Chung	Michael Jeon

## ■ Mechanical Drawing



## ■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	3950 MHz	OK
2. Frequency Range	3700~4200MHz (BW:500MHz)	OK
3. Insertion Loss in BW	0.5dB Max.	OK
4. VSWR	1.4:1 Max.	OK
5. Rejections	25dB Min @ (3650 & 4250MHz)	OK
	60dB Min @ (3550 & 4350MHz)	OK
	70dB Min @ (3500 & 4400MHz)	OK
	70dB Min @ (5800 & 6500MHz)	OK
6. Group Delay Variation within $\pm 0.5$ MHz	<1ns	OK
7. Dimension[mm]	120(L)*98.8(W)*70.2(H)	OK
8. In/Out Port	WR229/WR229	OK

Remarks: This is a preliminary datasheet for reference.

★The above Spec. review is at room temperature.

- There is a change in performance when temperature Spec. is applied.

## Simulation Curve

