

PRODUCT SPECIFICATION FOR INFORMATION

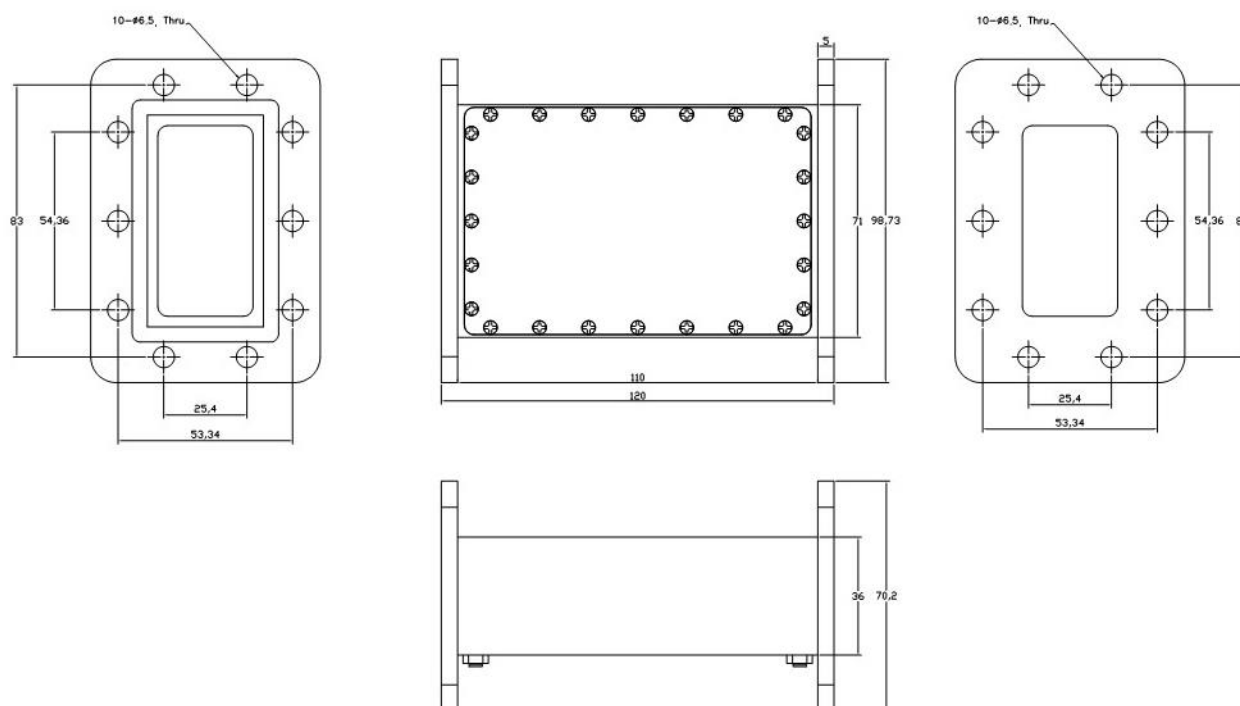
PRELIMINARY SPECIFICATION

Product Name : Waveguided Band Pass Filter

Part No : MBP-C4000-400MW-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	4000 MHz	OK
2. Frequency Range	3800~4200MHz (BW:400MHz)	OK
3. Insertion Loss in BW	0.5dB Max.	OK
4. VSWR	1.4:1 Max.	OK
5. Rejections	25dB Min @ (3750 & 4250MHz)	OK
	60dB Min @ (3650 & 4350MHz)	OK
	70dB Min @ (3600 & 4400MHz)	OK
	70dB Min @ (5800 & 6500MHz)	OK
6. Group Delay Variation within ± 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 Sepc. is applied.

Simulation Curve

