

PRODUCT SPECIFICATION FOR INFORMATION

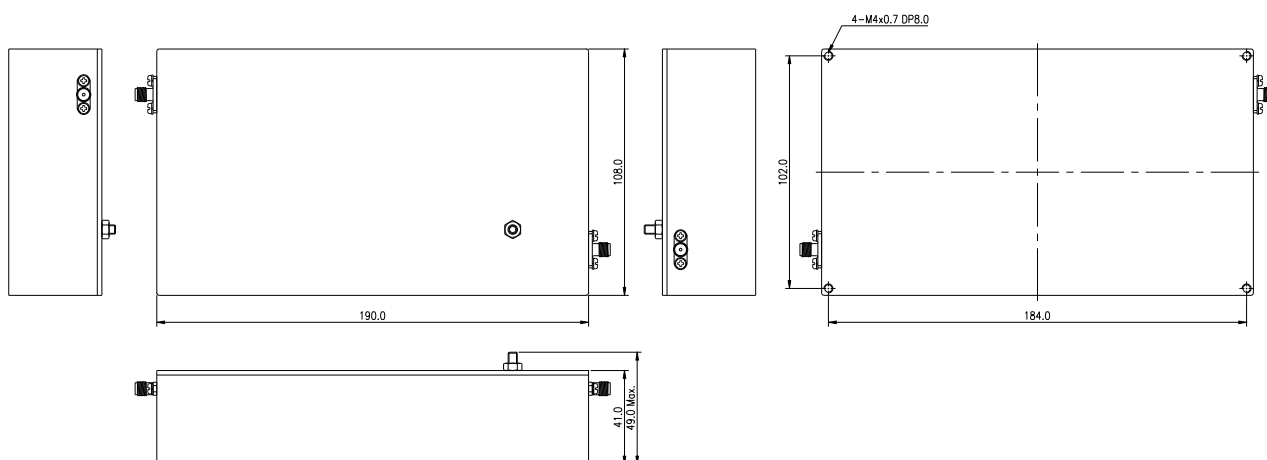
PRELIMINARY SPECIFICATION

Product Name : Cavity Band Pass Filter

Part No : MBP-C1350_700MS-A-R0

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.12.05	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	1350 MHz	OK
2. Bandwidth [BW]	$F_c \pm 350\text{MHz}$ [1000~1700MHz]	OK
3. Insertion Loss in BW	1.0dB Max.	OK
4. Return Loss	15dB Min.	OK
5. Rejections	60dB Min.@ DC~ 890MHz	PROPOSAL
	80dB Min.@ 1850MHz	PROPOSAL
	70dB Min.@ 1830-3000MHz	PROPOSAL
6. In/Out Impedance	50 Ohm	OK
7. Power Handling	CW 20Watt	OK
8. Dimension [WxDxH]	108.0 x 190.0 x 49.0 mm	PROPOSAL
9. Operation Temperature	-40°C ~ +70°C	OK
10. Interface	SMA(F)	PROPOSAL
11. Finish	Black	TBD

Remarks: This is a preliminary datasheet for reference.

■ Simulation Curve

