

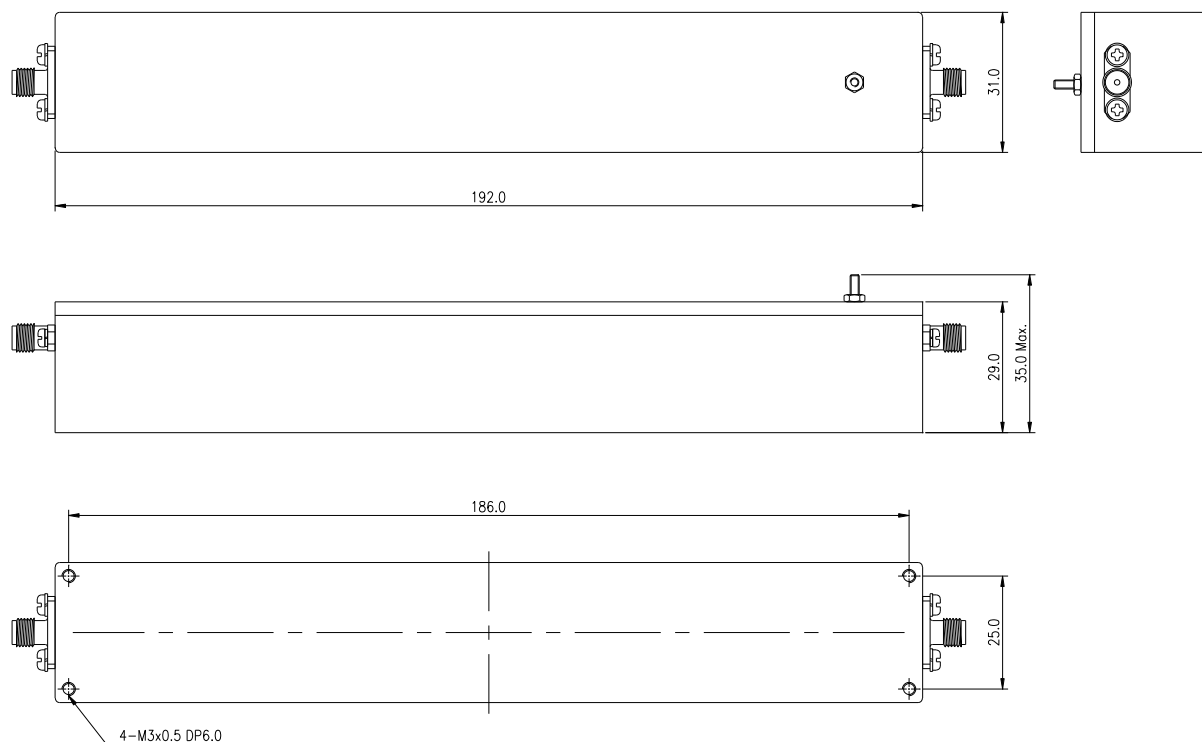
PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

Product Name : Band Pass Filter
Part No : MBP-C1275_150MS-A-R0

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.02.06	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	1275 MHz	OK
2. Bandwidth [BW]	$F_c \pm 75\text{MHz}$ [1200~1350MHz]	OK
3. Insertion Loss in BW	1.2dB Max.	OK
4. VSWR	1.5:1 Max.	OK
5. Rejections	60dB Min. @ 10~1100MHz	OK
	60dB Min. @ 1550~6000MHz	OK
6. In/Out Impedance	50 Ohm	OK
7. Power Handling	CW 10W Max.	OK
8. Dimension [WxDxH]	31.0x192.0x35.0mm	Proposal
9. Connector	SMA(F)	OK
10. Finish	Black	TBD

Remarks: This is a preliminary datasheet for reference.

■ Environmental Specification

Parameter	Specification	Remark
1. Operating Temperature	-10 ~ +70°C	OK
2. Storage Temperature	-20 ~ +80°C	OK
3. Relative Humidity	10% ~ 95%	OK
4. Random Vibration	MIL-STD-810 F Method 514.5 procedure C1. 3 axes , 20 min. per each axis	OK
5. Dust	MIL 810F Method 510.4 Procedure III settling dust	OK

■ Simulation Curve

