

PRODUCT SPECIFICATION FOR INFORMATION

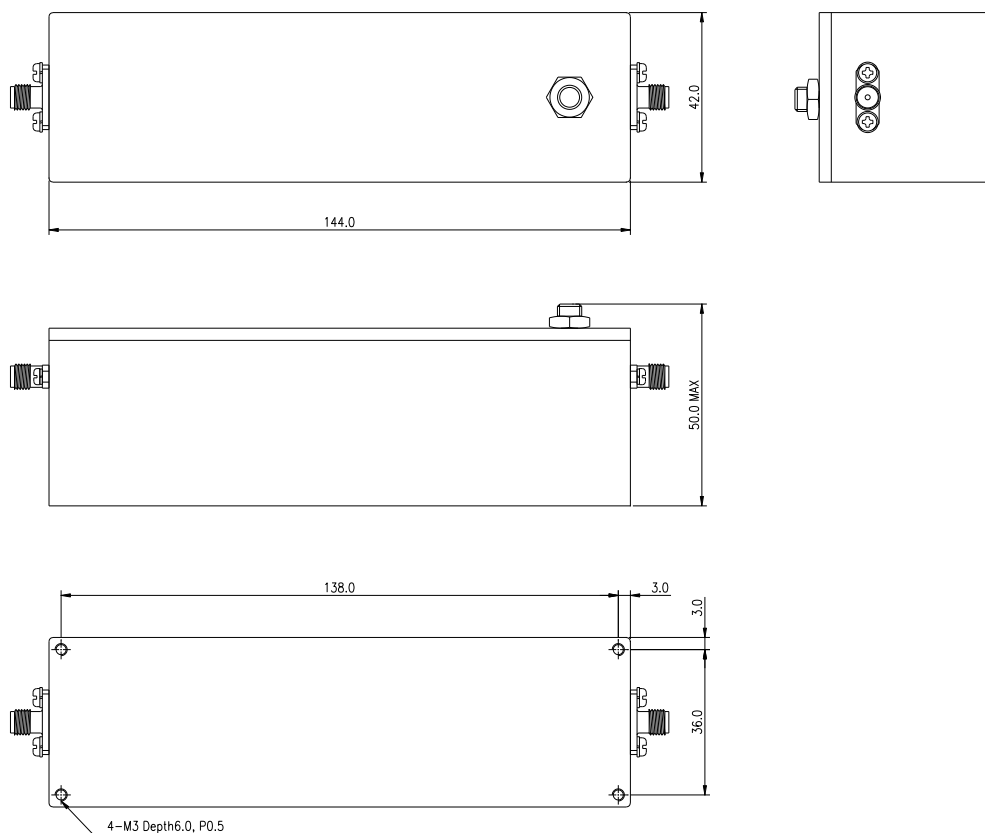
PRELIMINARY SPECIFICATION

Product Name : Cavity Band Pass Filter

Part No : MBP-C750-100MS-A-R0

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2023.07.13	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Frequency Range	700~800MHz	
2. Insertion Loss in BW	1.0dB Max.	
3. VSWR	1.4:1 Max.	
4. Rejections	30dB Min @ (100~500MHz)	
	50dB Min @ (1500MHz~3000MHz)	
5. Impedance	50Ohm	
7. Operating Temperature	-10°C ~ +60°C	
8. Power Handling	CW 10W Max	
	Peak Power 100W For 1Ns	
9. Size (W × D × H)	42.0x144.0x50.0 mm	Excluding Connector.
10. Connector	SMA (F)	
11. Finish	Black	

Remarks: This is a preliminary datasheet for reference.

■ Environmental Specification

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

■ Simulation Curve

