

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

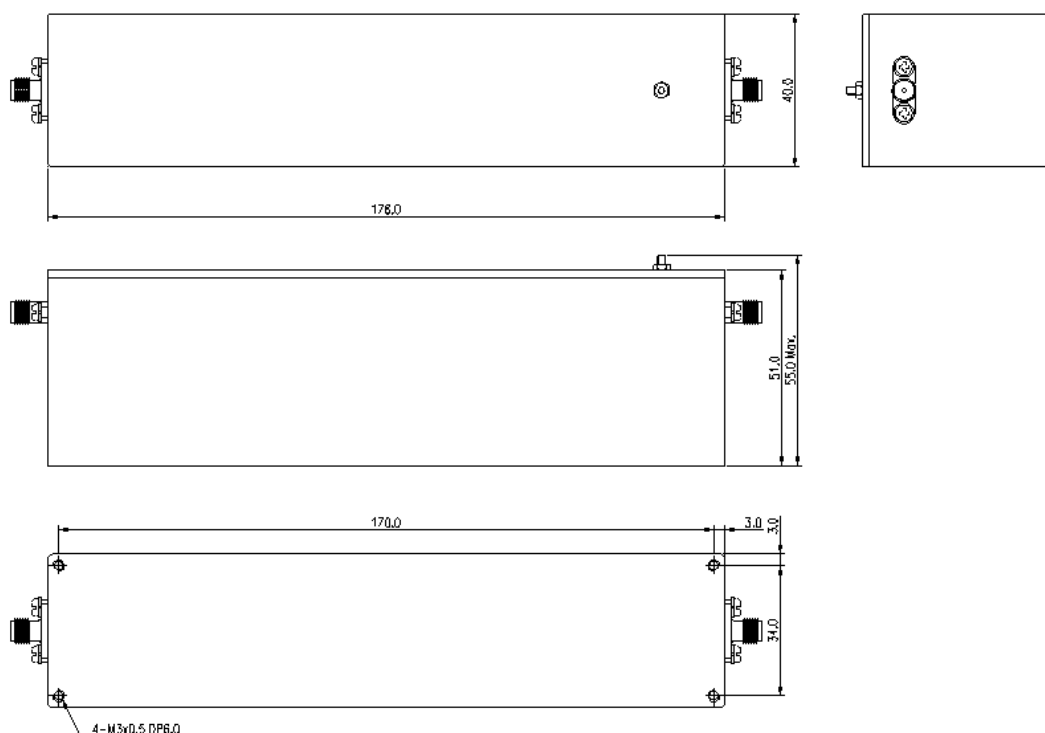
Product Name: Cavity Band Pass Filter

Part No: MBP-C748.5_39MS-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2022.07.26	Bryan Jeon	Michael Jeon

■ Mechanical Drawing



Note

1. Connector : SMA(f)
2. Finish :Black Epoxy

■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	748.5MHz	
2. Bandwidth	$F_c \pm 19.5\text{MHz}$ [729~768MHz]	
3. Insertion Loss in BW	1.0dB Max.	
4. Ripple in BW	0.7dB Max.	
5. Return Loss in BW	18dB Min.	
6. Attenuation	60dB Min.@ DC~652MHz	
	60dB Min.@ 859~894MHz	
7. In/Out Impedance	50Ω	
8. Power Handling	5W	
9. Connector	SMA(f)	
10.Dimension	176.0x41.0x51.0 mm	
11. Temperature Range	-40°C to +85°C	

Remarks: This is a preliminary datasheet for reference.

■ Simulation Curve

