

PRODUCT SPECIFICATION FOR INFORMATION

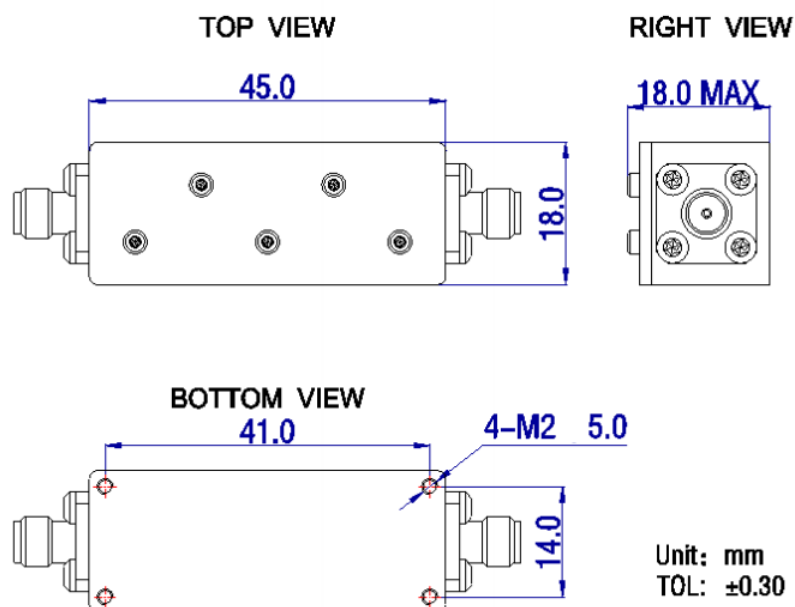
PRELIMINARY SPECIFICATION

Product Name : Cavity Band Pass Filter

Part No : MBP-C2350_50MS-A-R1

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2026.01.12.	Jeffrey Chung	Michael Jeon
2	R1	Applying O-rings	2026.04.28.	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	2350MHz	
2. Bandwidth [BW]	$F_c \pm 25\text{MHz}$ [2325 ~ 2375MHz]	
3. Insertion Loss in BW	1.0dB Max.	
4. Ripple (pass band)	0.5dB	
5. Return Loss	15dB Min	
6. Rejections	70dB Min. @ DC ~ 1300MHz	
	40dB Min. @ 1350 ~ 1950MHz	
	40dB Min. @ 2750 ~ 4000MHz	
	70dB Min. @ 4100 ~ 8000 MHz	
7. In/Out Impedance	50 Ohm	
8. Water Proof	IP67	
9. Dimension [WxDxH]	45.0 x 18.0 x 18.0 mm Max	
10. Interface	SMA(F) X 2 with O-rings	
11. Weight	35g Max	
12. Operating Temp	-40°C ~ 85°C	

Remarks: This is a preliminary datasheet for reference.

■ Simulation Curve

