

PRODUCT SPECIFICATION FOR INFORMATION

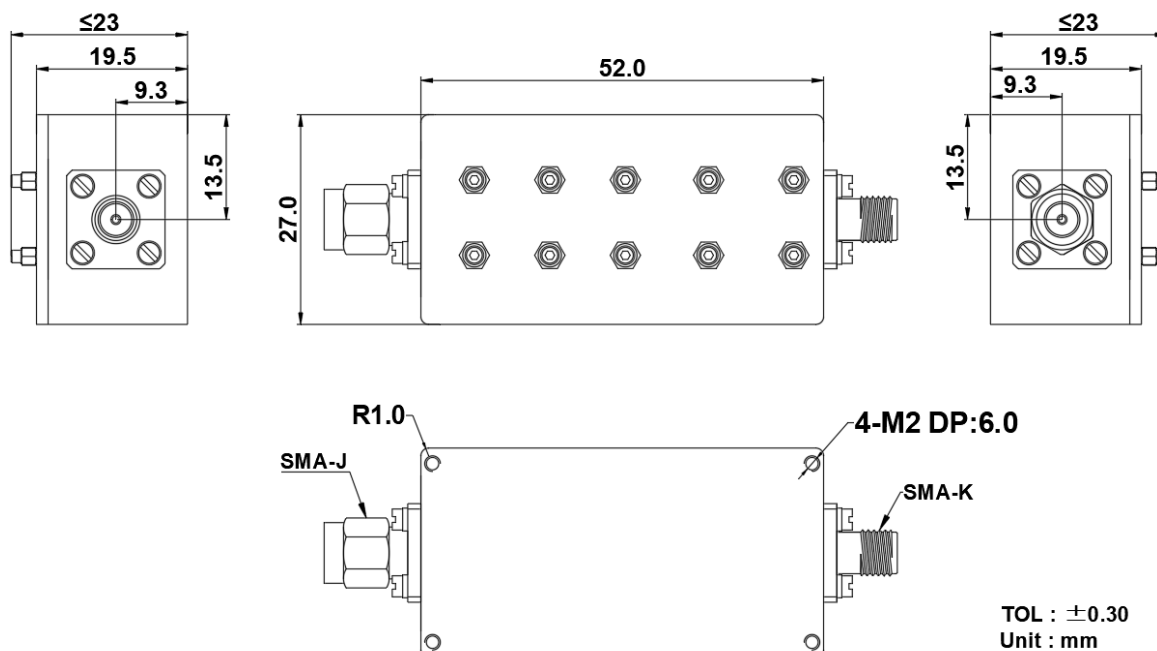
PRELIMINARY SPECIFICATION

Product Name : Cavity Dual Band Pass Filter

Part No : MDP-C2350/C2590_50MS-A-R1

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2026.01.16.	Jeffrey Chung	Michael Jeon
1	R1	Applying O-rings	2026.04.28.	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification		Remark
	CH1	CH2	
1. Center Frequency	2350MHz	2590MHz	
2. Bandwidth [BW]	$\pm 25\text{MHz}$ [2325~2375MHz]	$\pm 25\text{MHz}$ [2565~2615MHz]	
3. Insertion Loss in BW	1.2dB Max.	1.2dB Max.	
4. Ripple (pass band)	0.5dB Max.	0.5dB Max.	
5. Return Loss	15dB Min.	15dB Min.	
6. Rejections	55dB min @ DC ~ 2100MHz		
	25dB min @ 2100 ~ 2200MHz		
	40dB min @ 2750 ~ 4000MHz		
	70dB min @ 4000 ~ 8700MHz		
7. In/Out Impedance	50 Ohm		
8. Power Handling	36dBm Max.		
9. Dimension [WxDxH]	52.0 x 27.0 x 23.0 mm Max		
10. Interface	Input : SMA(M) with O-ring, Output : SMA(F) with O-ring		
11. Weight	60g Max		
12. Operating Temp	-45°C ~ 85°C		

Remarks: This is a preliminary datasheet for reference.

■ Simulation Curve

