

PRODUCT SPECIFICATION FOR INFORMATION

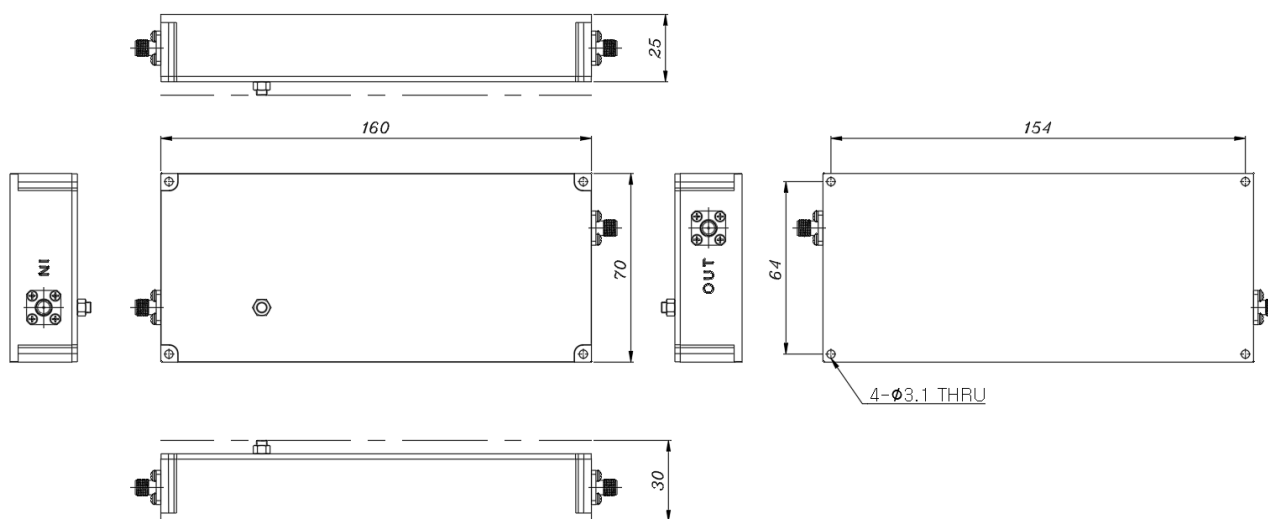
FINAL SPECIFICATION

Product Name : S-Band RX Band Pass Filter

Part No : MBP-C2250_100MS-A-R1

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2025.07.22	Jeffrey Chung	Michael Jeon
2	R1	Changed IL & Size	2025.08.25	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	2250MHz	
2. Bandwidth [BW]	$F_c \pm 50\text{MHz}$ [2200~2300MHz]	
3. Insertion Loss in BW	0.5dB Max.	
4. Ripple	0.4dB Max.	
5. Return Loss	15.0dB min	
6. Rejections	50dB Min @ 2170MHz	
	50dB Min @ 2330MHz	
7. Phase Matching	$\pm 8\text{deg. max.}$ / 4 filters	
8. Impedance	50Ohm	
9. Operating Temperature	$-45^{\circ}\text{C} \sim +85^{\circ}\text{C}$	
10. Power Handling	10W Max.	
11. Size (W × D × H)	160.0 x 70.0 x 25.0mm (max.30.0) mm	
12. Connector	SMA (F)	
13. Finish	Black Epoxy	

Test Curve

