

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

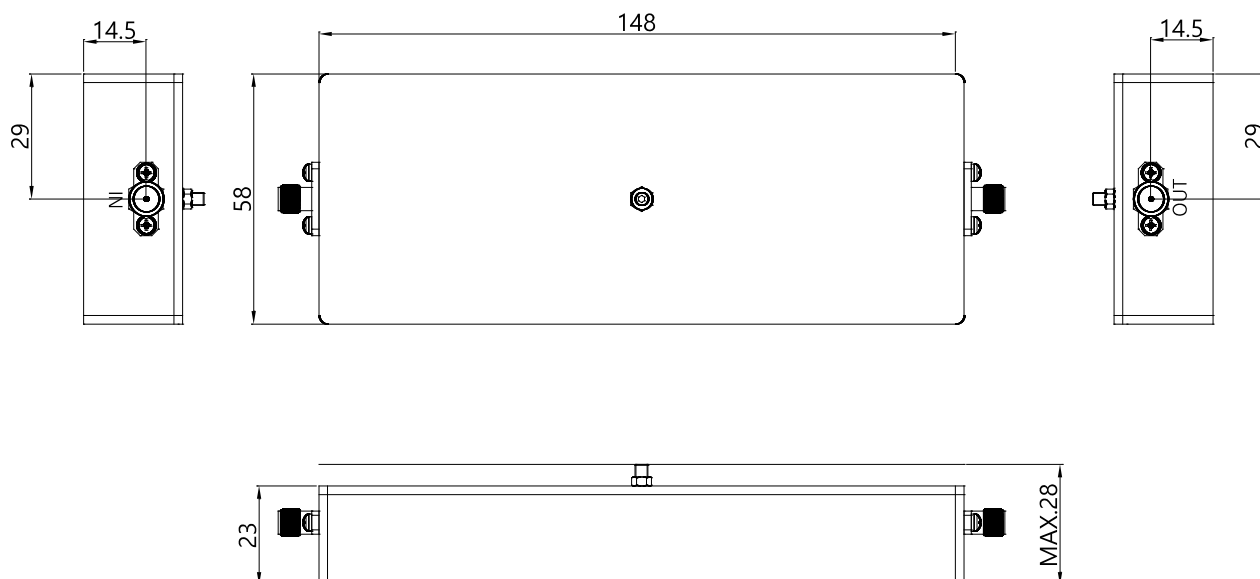
Product Name: Cavity Band Pass Filter

Part No: MBP-C2300_200MS-B-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2021.12.16	Bryan Jeon	Michael Jeon

■ Mechanical Drawing



Note

1. Connector: SMA (Female)
2. Finish: Painted Black

■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	2300MHz	
2. Pass Band Frequency	$F_c \pm 100\text{MHz}$ [2200~2400MHz]	
3. Pass Band Insertion Loss	1.0dB Max. @ 2300MHz	
	2.0dB Max. @ 2200~2400MHz	
4. Pass Band Ripple	1.0dB Max.	
5. Pass Band Return Loss	20dB Min.	
6. Stop Band Rejection	60dB Min. @ 2140MHz	
	60dB Min. @ 2460MHz	
7. Impedance	50Ω	
8. Power Handling	5W Max.	
9. Temperature Range	-30°C ~ +70°C	
10. Dimensions	148 * 58 * 23mm	

Remarks: This is a preliminary datasheet for reference.

Simulation Curve

