

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

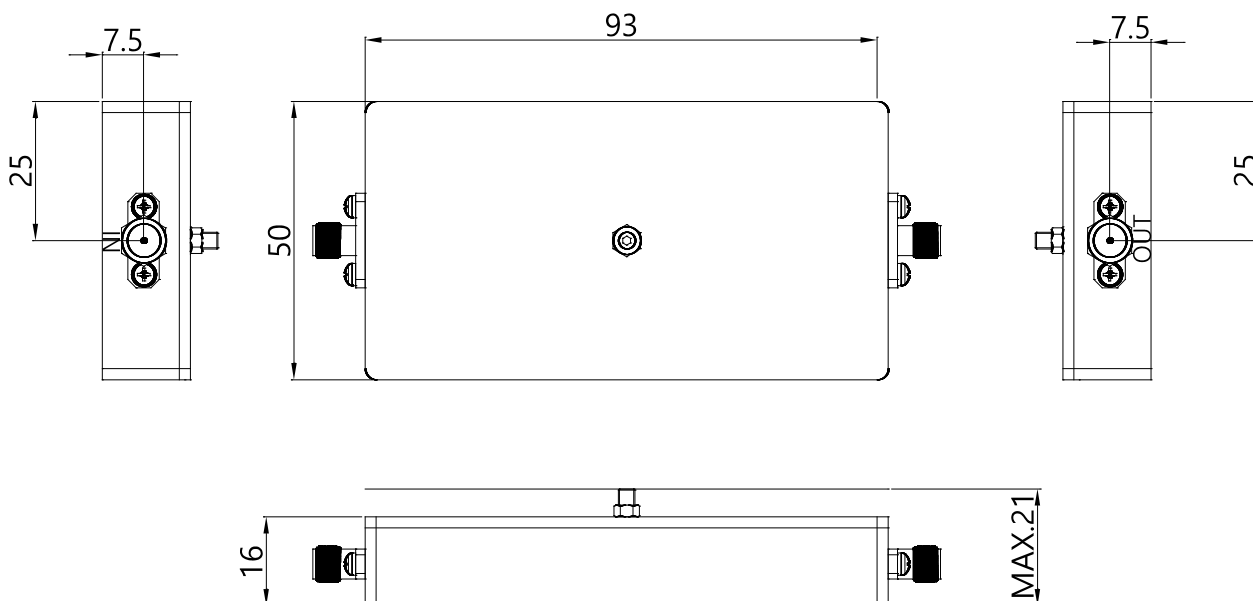
Product Name: Cavity Band Pass Filter

Part No: MBP-C5450_20MS-A-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	5450MHz	
2. Pass Band Frequency	$F_c \pm 10\text{MHz}$ [5440~5460MHz]	
3. Pass Band Insertion Loss	1.5dB Max.@ 5450MHz	
	2.0dB Max.@ 5440~5460MHz	
4. Pass Band Ripple	0.5dB Max.	
5. Pass Band Return Loss	20dB Min.	
6. Stop Band Rejection	60dB Min.@ 5380MHz	
	60dB Min.@ 5520MHz	
7. Impedance	50Ω	
8. Power Handling	5W Max.	
9. Temperature Range	-20°C ~ +60°C	
10. Dimensions	93 * 50 * 16mm	

Remarks: This is a preliminary datasheet for reference.

■ Simulation Curve

