

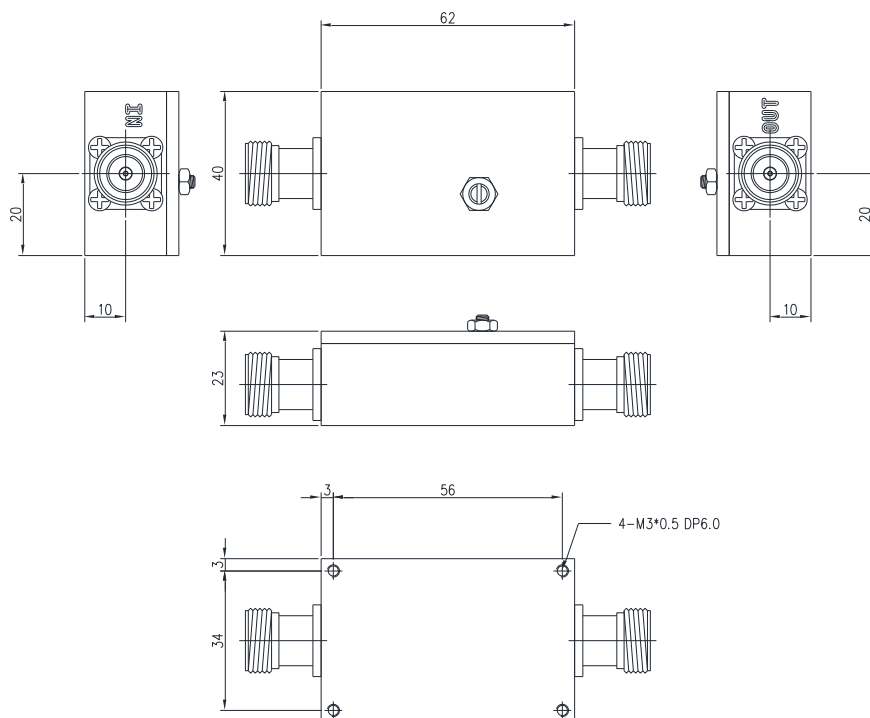
Product Name :Cavity Band Pass Filter

Part No : MBP-C3550_100MN-A

.	Rev. No.	Description	Date	Author	Final Approver
1	A	Draft	2021.08.10	Bryan Jeon	Michael Jeon

PRODUCT SPECIFICATION FOR INFORMATION

■ Mechanical Drawing



Note
 1. Connector : N-type
 2. Finish :Black Epoxy

■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	3550MHz	
2. Frequency Range	fo ±50[3500~3600]MHz	
3. Insertion Loss	0.6dB Max.	
4. Return Loss	15dB Min.	
5.Attenuation[Absolute Value]	55 dB min.@ 700-960MHz	
	55 dB min.@ 1710-1990MHz	
	55 dB min.@ 2110~2200MHz	
	55 dB min.@ 2300~2400MHz	
	55 dB min.@ 2496~2690MHz	
6. Size	Mechanical Drawing	
7. Input RF Power	10W Avg.Max. , 100(Peak) Max.	
8. Impedance	50Ω	
9. Operation Temperature Range	-20℃ to +65℃	

■ Sample Data

Parameter	Specification	21080001	Remark
Center Frequency	3550MHz		
Frequency Range	fo ±50[3500~3600]MHz		
Insertion Loss	0.6dB Max.	0.36 dB	
Return Loss	15dB Min.	15.99 dB	
Attenuation[Absolute Value]	55 dB min.@700-960MHz	95.29 dB	
	55 dB min.@ 1710-1990MHz	100.49 dB	
	55 dB min.@ 2110~2200MHz	90.83 dB	
	55 dB min.@ 2300~2400MHz	100.77 dB	
	55 dB min.@ 2496~2690MHz	92.53 dB	
Input RF Power	10W Avg.Max. , 100(Peak) Max.		
Impedance	50Ω		

1)21080001

