

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

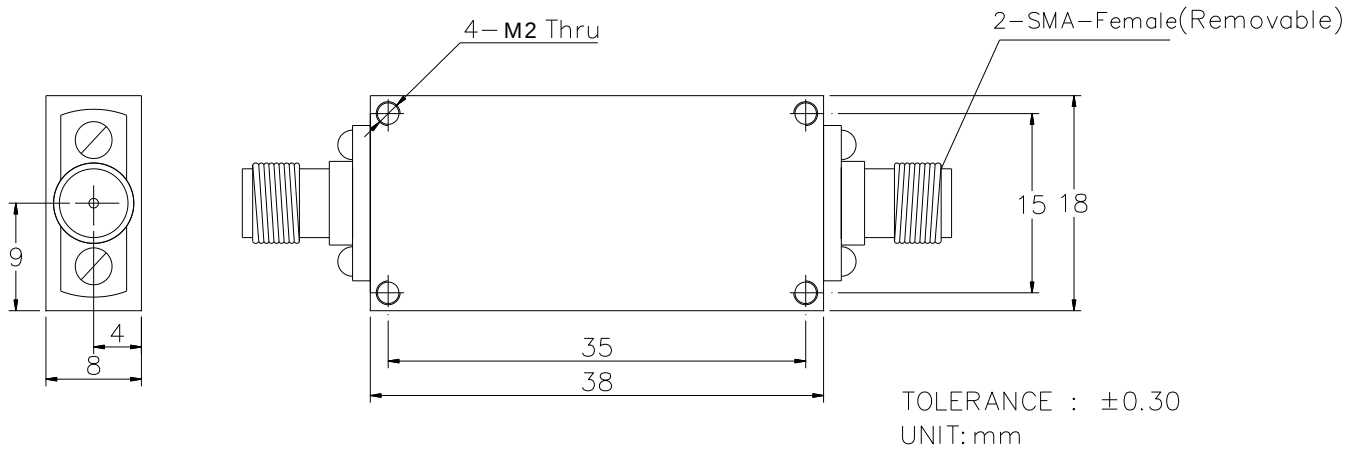
Product Name : Ceramic Band Pass Filter

Part No : MBP-C3500_500MD-A-R1

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2025.05.26.	Jeffrey Jeong	Michael Jeon
2	R1	Temp Range changed	2025.05.27.	Jeffrey Jeong	Michael Jeon
3					
4					
5					
6					

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	3500MHz	
2. Bandwidth	500MHz [3250 ~ 3750MHz]	
3. Insertion Loss in BW	1.5dB Max.	
4. Ripple in BW	1.0dB Max.	
5. V.S.W.R. in BW	1.4 : 1 Max	
6. Group Delay Variation in BW	5nS Max.	
7. Attenuation[Relative Value]	60dB min @ DC ~ 2000MHz 60dB min @ 4250 ~ 7000MHz	
8. Power Handling	+10dBm Max.	
9. In/Out Impedance	50Ω	
10. Operating Temp Range	-40°C ~ +70°C	
11. Dimension[WxDxH]	38.0 X 18.0 X 8.0mm ± 0.3 Max	

※ This is very initiative and It is subject to change

■ Simulation Curve

