

PRODUCT SPECIFICATION FOR INFORMATION

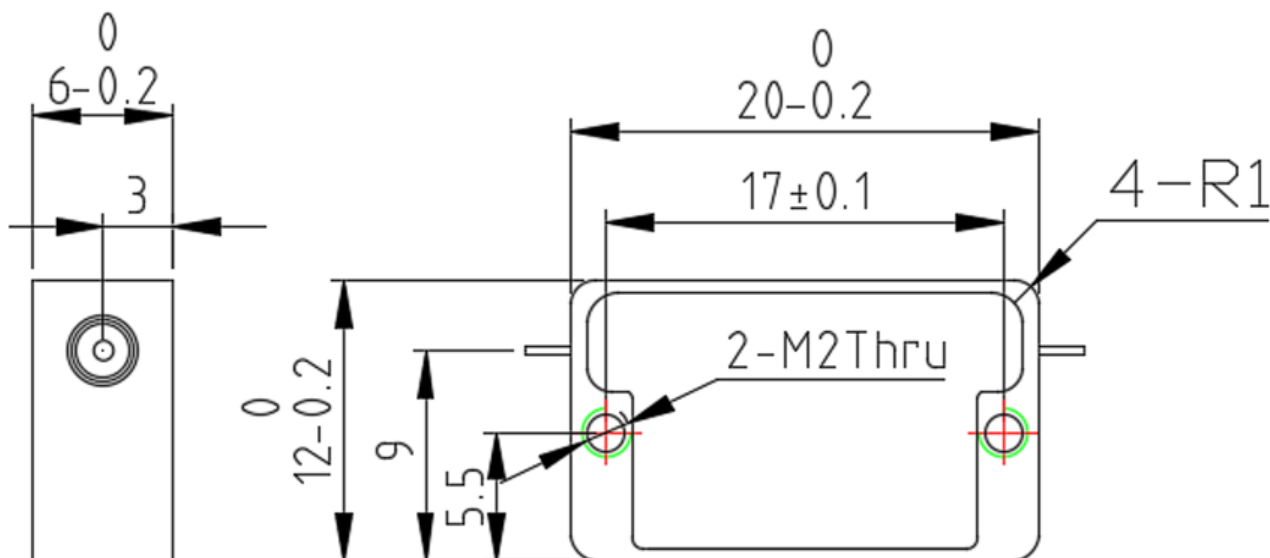
Product Name : Band Pass Filter

Part No : MBP-C1090_10MD-A-R1

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2025.10.15.	Jeffrey Jeong	Michael Jeon
2	R1	Modified upper rejection frequency range	2025.11.05.	Jeffrey Jeong	Michael Jeon
3					
4					
5					
6					

■ Mechanical Drawing



Unit : mm

Tolerance : ± 0.2 mm

■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	1090MHz	
2. Bandwidth	10MHz [1085 ~ 1095MHz]	
3. Insertion Loss in BW	3.5dB Max.	
4. Ripple in BW	1.0dB Max.	
5. Return Loss in BW	15dB Min.	
6. Attenuation [Absolute Value]	30dB min @ DC ~ 1035MHz 30dB min @ 1145 ~ 1800MHz	
7. Input Power	30dBm Avg., 40dBm Peak	
8. Connector	2 X $\phi 0.38$ mm Pin	
9. In/Out Impedance	50 Ω	
10. Operating Temp Range	-40°C ~ +55°C	
11. Dimension[WxDxH]	20.0 X 12.0 X 6mm ± 0.3 Max	

※It is subjected to change with prior notice.