

PRODUCT SPECIFICATION FOR INFORMATION

FINAL SPECIFICATION

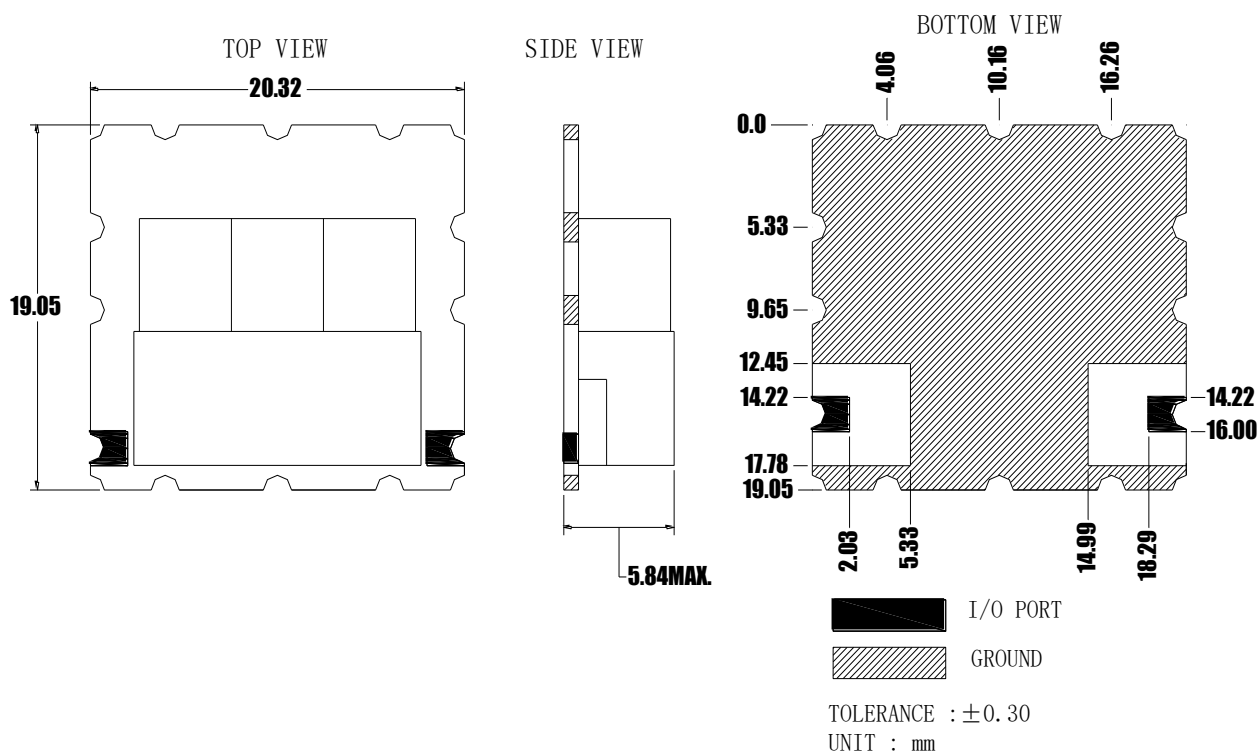
Product Name : Ceramic Array Band Pass Filter

Part No : MBP-C1090_26MC-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2023.07.13	Jeffrey Jeong	Michael Jeon
2		Added Soldering Profile	2023. 07. 24.	Jeffrey Jeong	Michael Jeon
3					
4					
5					
6					

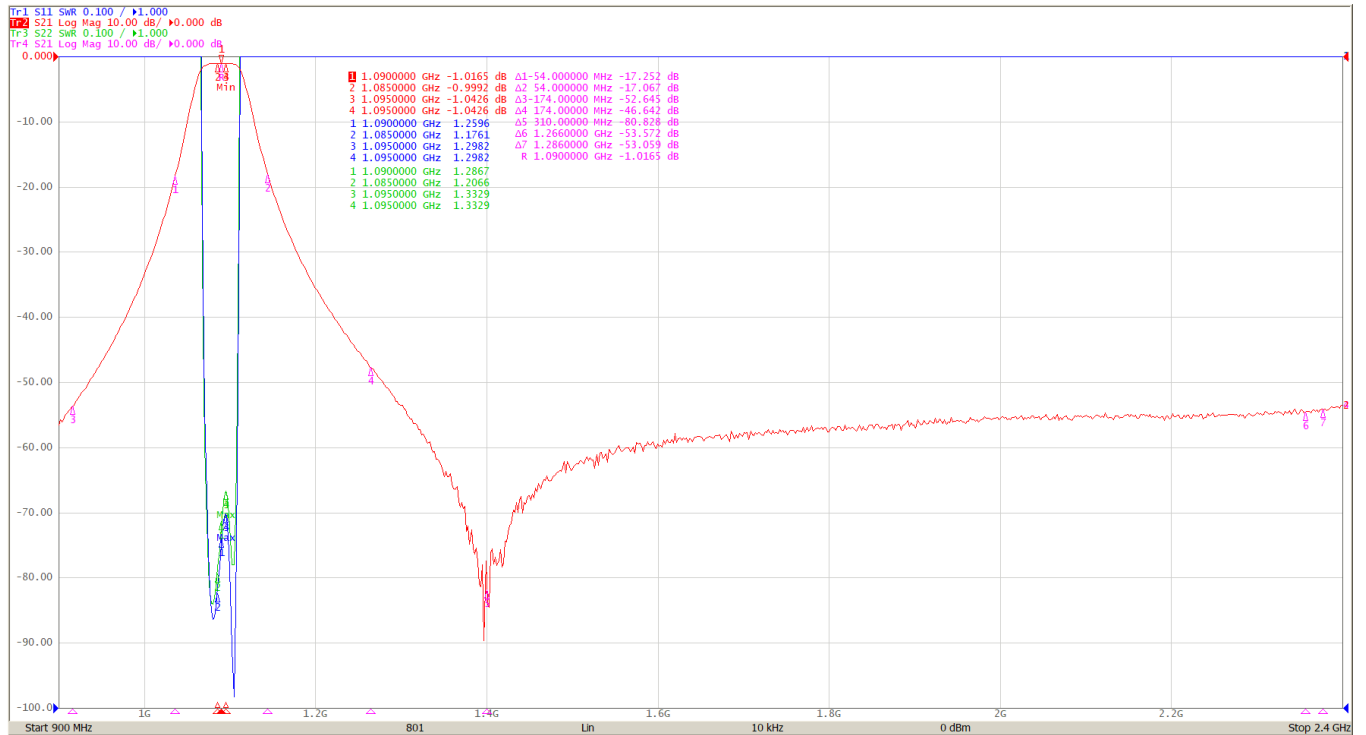
■ Mechanical Drawing



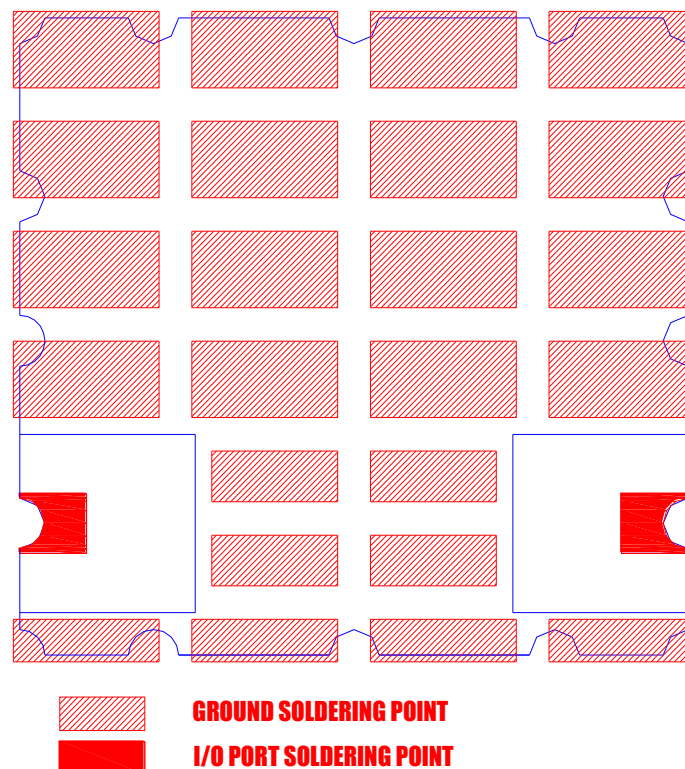
■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	1090MHz	
2. 0.5dB Bandwidth	26MHz[1077 ~ 1113MHz]	
3. Insertion Loss in $Fo \pm 5\text{MHz}$	1.5dB Max.	
4. V.S.W.R. in $Fo \pm 5\text{MHz}$	1.5 : 1 Max	
5. Attenuation[Relative Value]	16dBc min @ 1036MHz 16dBc min @ 1144MHz 35dBc min @ 916MHz 35dBc min @ 1264MHz 30dBc min @ 1400MHz 35dBc @ 2366 $\pm$ 10MHz	
6. Maximum CW Input Power	+30dBm Max.	
7. Maximum Peak Input Power	+40dBm Max.	
7. In/Out Impedance	50 Ω	
8. Temperature Range	-40°C ~ +85°C	
9. Dimension[WxDxH]	20.32 X 19.05 X 5.84mm Max	

Test Curve

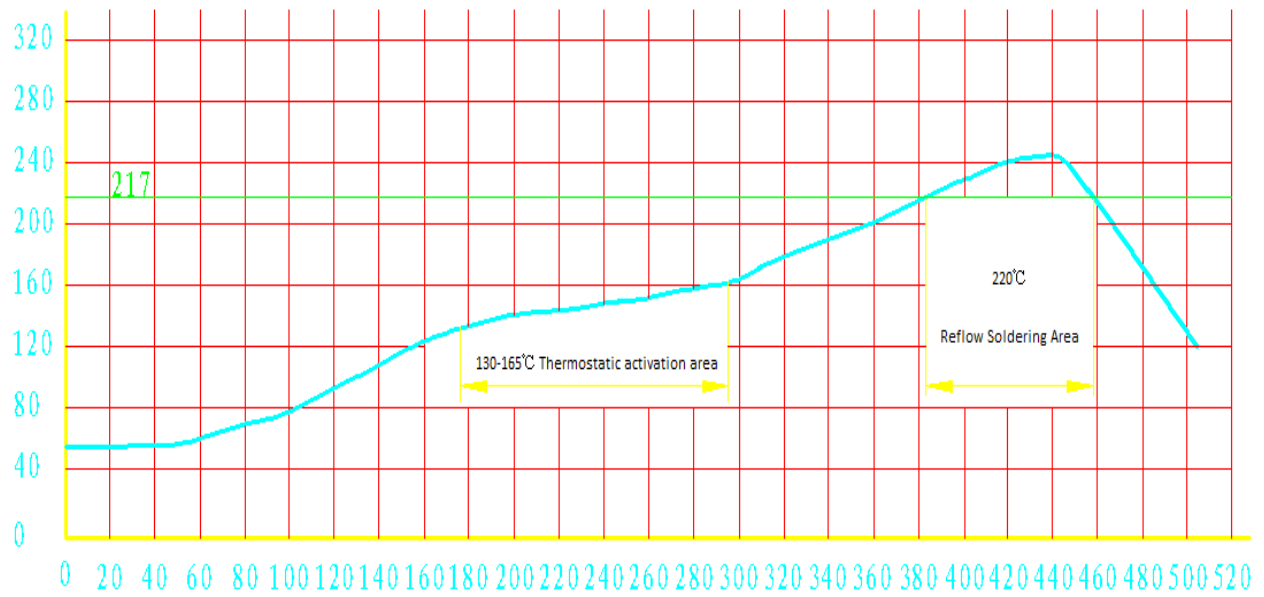


Recommended PCB Land Pattern



■ Recommended Soldering Profile

Temp °C



Time Seconds