

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

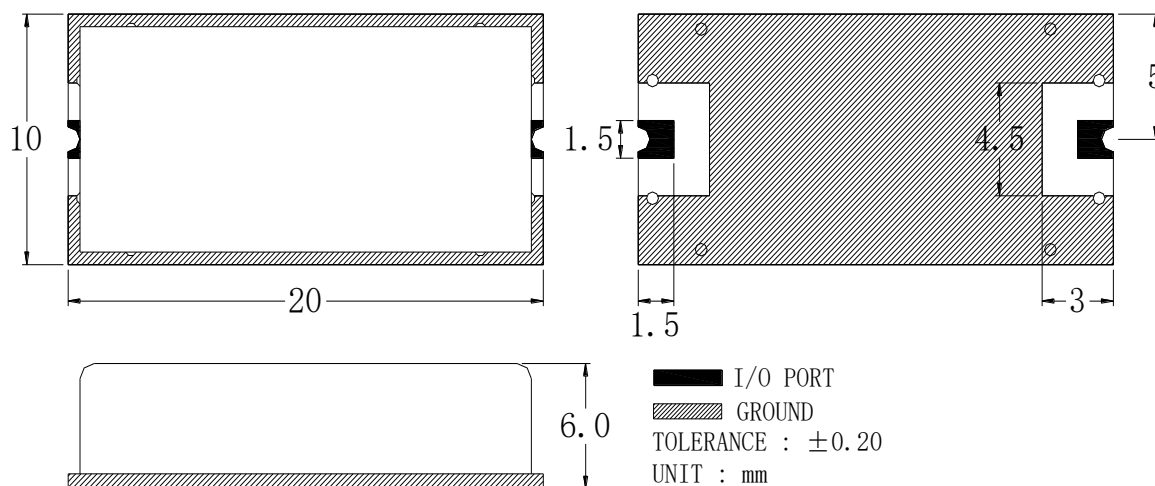
Product Name : LC Band Pass Filter

Part No : MBP-C70_30ML-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.07.28.	Jeffrey Jeong	Michael Jeon
2					
3					
4					
5					
6					

■ Mechanical Drawing

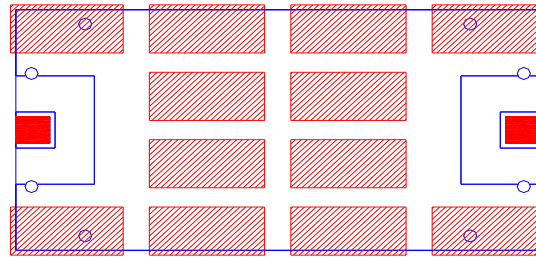


■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	70MHz	
2. 1dB Bandwidth	15MHz [55 ~ 85MHz]	
3. Insertion Loss in BW	2.0dB Max.	
4. Return Loss in BW	15dB Min	
5. Attenuation[Absolute Value]	25dB min @ 24 ~ 36MHz 25dB min @ 124 ~ 230MHz 45dB min @ 350 ~ 800MHz	
6. Phase Linearity @ 64 ~ 76MHz	$\pm 3^\circ$ Max	
7. Power Handling	30dBm Max.	
8. In/Out Impedance	50 Ω	
9. Operating Temp Range	-40°C ~ +85°C	
10. Dimension[WxDxH]	20.0 X 10.0 X 6.0mm ± 0.3 Max	

※It is subjected to change with prior notice.

■ Recommended PCB land pattern



I/O PORT



GROUND