

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

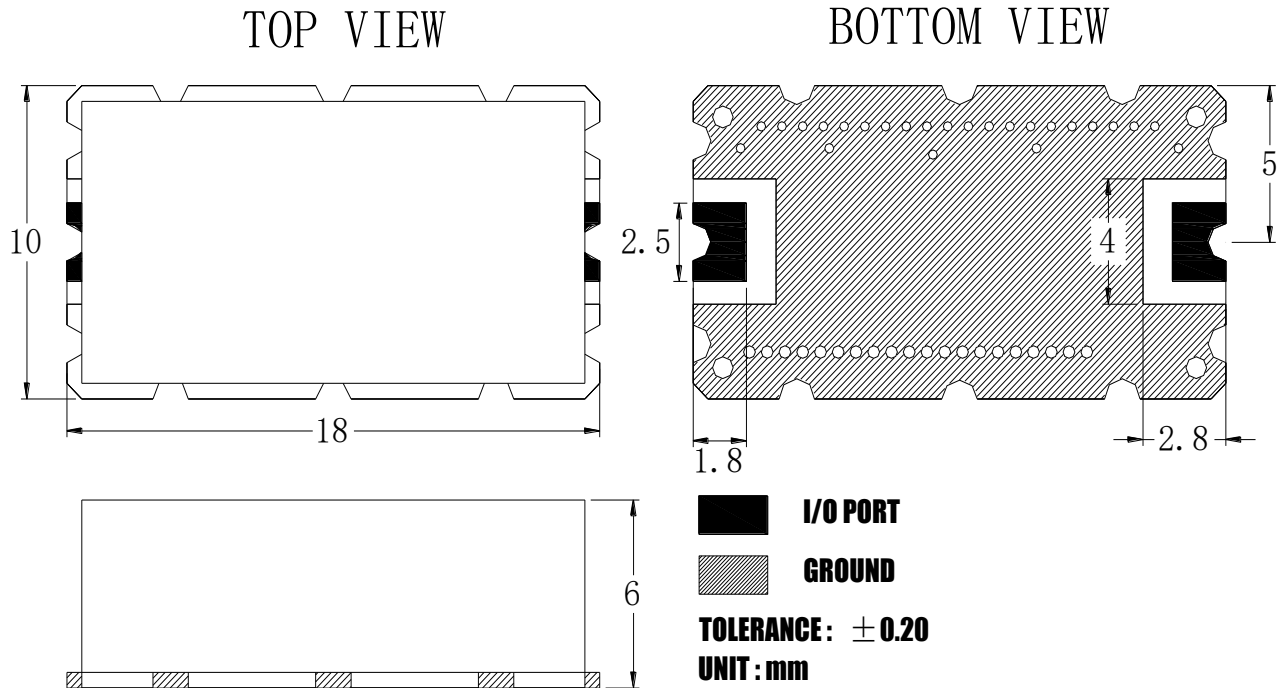
Product Name : LC High Pass Filter

Part No : MHP-C40ML-A-R1

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.05.15.	Jeffrey Jeong	Michael Jeon
2	R1	Group Delay added, OTR to 71°C	2024.05.23.	Jeffrey Jeong	Michael Jeon
3					
4					
5					
6					

■ Mechanical Drawing

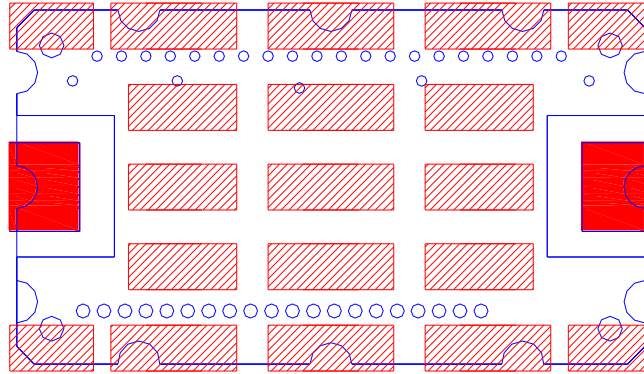


■ Electrical Specification

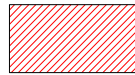
Parameter	Specification	Remark
1. Frequency	40 ~ 200MHz	
2. Insertion Loss in BW	1.5dB Max.	
3. Ripple in BW	0.8dB Max.	
4. Group Delay in BW	120nS Max.	
5. V.S.W.R. in BW	1.5 : 1 Max	
6. Attenuation[Relative Value]	30dBc min @ DC ~ 35MHz	
7. Phase Linearity @ 40 ~ 200MHz	$\pm 2^\circ$ Max	
8. Power Handling	30dBm Max.	
9. In/Out Impedance	50Ω	
10. Operating Temp Range	-20°C ~ +71°C	
11. Storage Temp Range	-20°C ~ +71°C	
12. Dimension[WxDxH]	18.0 X 10.0 X 6.0mm ± 0.2 Max	

※It is subjected to change with prior notice.

■ Recommended PCB land Pattern



I/O PORT



GROUND