

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

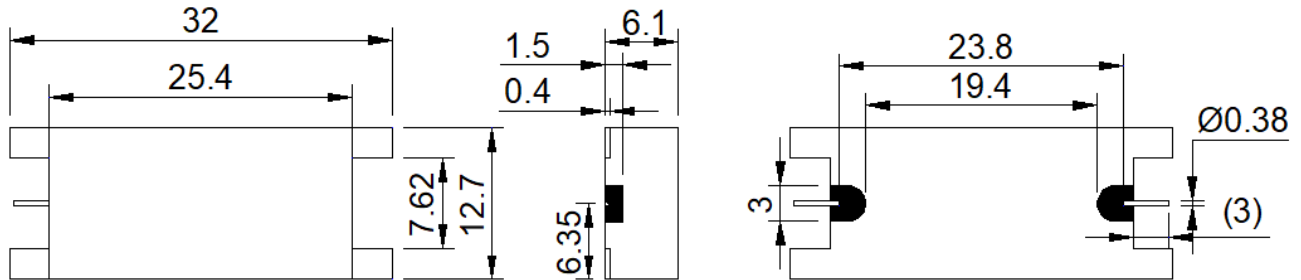
Product Name : LC Band Pass Filter

Part No : MBP-C400_40ML-B-R1

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.01.19	Jeffrey Jeong	Michael Jeon
2	R1	Added more rejection points	2024.02.05	Jeffrey Jeong	Michael Jeon
3					
4					
5					
6					

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	400MHz	
2. 3dB Bandwidth	40 ~ 48MHz	
3. Insertion Loss in BW	2.5dB Max.	
4. V.S.W.R. in BW(S11,S22)	2.0 : 1 Max (390 ~ 410MHz)	
5. Attenuation[Relative Value]	60dBc Min. @ 10 ~ 200MHz 20dBc Min. @ 200 ~ 355MHz 20dBc Min. @ 450 ~ 475MHz 40dBc Min. @ 475 ~ 600MHz 60dBc Min. @ 600 ~ 1080MHz	
6. Connector	Φ0.4 pin	
7. In/Out Impedance	50Ω	
8. Power Rating	30dBm(CW) (33 dBm with 1% duty cycle, 1 us pulse width)	
8. Temperature Range	-40°C ~ +85°C	
9. Size	25.4 X 12.7 X 6.1mm	

※It is subjected to change with prior notice.