

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

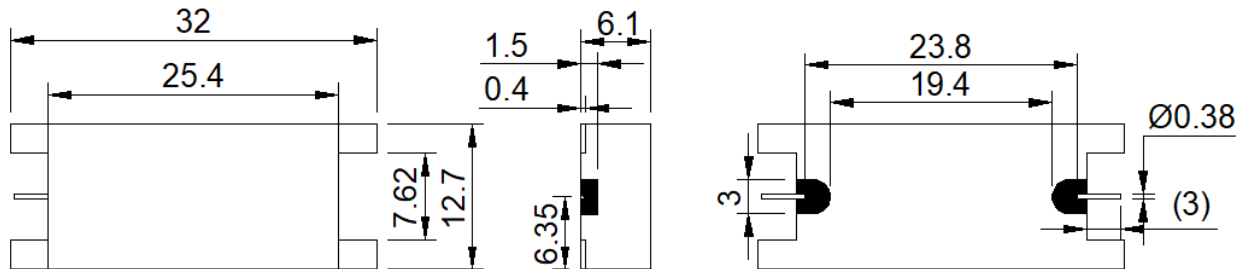
Product Name : LC Band Pass Filter

Part No : MBP-C300_25ML-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	300MHz	
2. 3dB Bandwidth	25 ~ 31MHz	
3. Insertion Loss in BW	2.5dB Max.	
4. V.S.W.R. in BW(S11,S22)	2.0 : 1 Max (295 ~ 305MHz)	
5. Attenuation[Relative Value]	65dBc Min. @ 10 ~ 100MHz 50dBc Min. @ 100 ~ 200MHz 20dBc Min. @ 200 ~ 270MHz 20dBc Min. @ 330 ~ 400MHz 60dBc Min. @ 400 ~ 1000MHz	
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.