

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

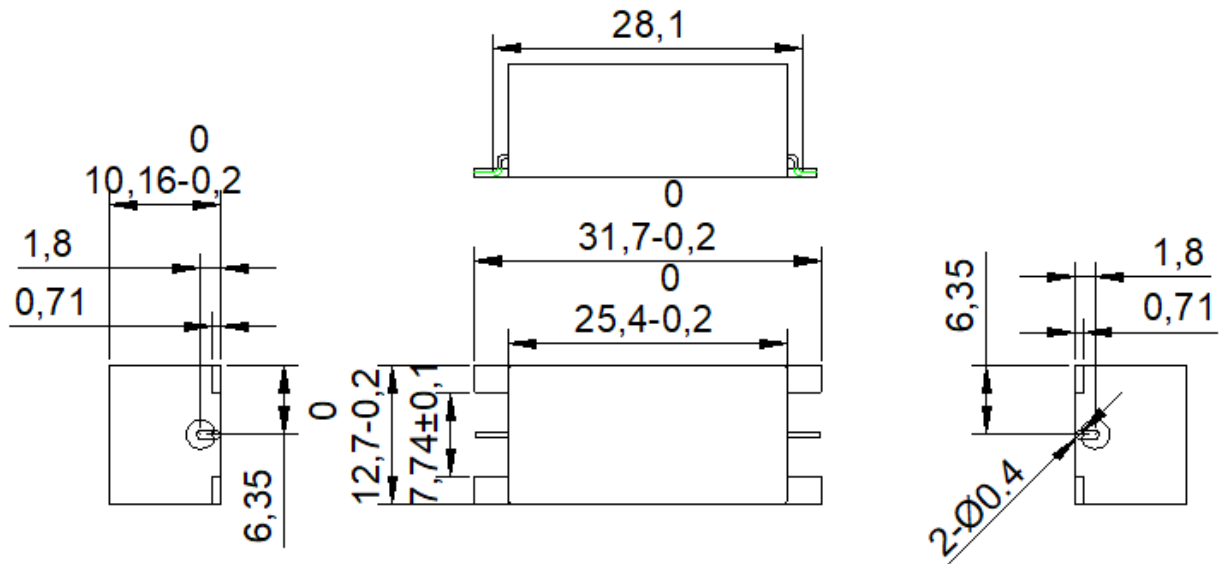
Product Name : LC Band Pass Filter

Part No : MBP-C296_110ML-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	296MHz	
2. 0.5dB Bandwidth	110MHz	
3. Insertion Loss in BW	1.0dB Max.	
4. Return Loss	12dB Min @ 241 ~ 351MHz	
5. Attenuation[Relative Value]	70dBc Min @ 10 ~ 100MHz 25dBc Min @ 100 ~ 200MHz 25dBc Min @ 430 ~ 500MHz 40dBc Min @ 500 ~ 600MHz 60dBc Min @ 600 ~ 2000MHz	
6. In/Out Impedance	50Ω	
7. Power Rating	30dBm(CW) (33 dBm with 1% duty cycle, 1 us pulse width)	
8. Connector	Φ0.4 pin	
9. Temperature Range	-40°C ~ +85°C	

※It is subjected to change with prior notice.