

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

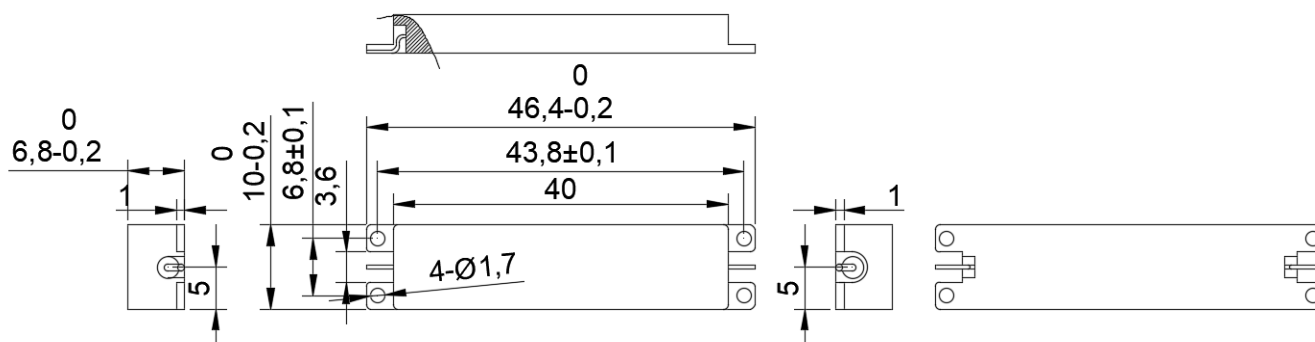
Product Name : LC Band Pass Filter

Part No : MBP-C3100_400ML-B-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.10.31.	Jeffrey Jeong	Michael Jeon
2					
3					
4					
5					
6					

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	3100MHz	
2. 1dB Bandwidth	400MHz min [2900 ~ 3300MHz]	
3. Insertion Loss in 1dB BW	4.0dB max.	
4. .Return Loss in 1dB BW	16dB min	
5. Attenuation[Relative Value]	50dBc min @ DC ~ 2600MHz 10dBc min @ 2600 ~ 2780MHz 30dBc min @ 3590 ~ 6000MHz	
6. Deviation from linear phase at any 10MHz step	±1° Max @ 2950 ~ 3270MHz ±2.5° Max @ 2900 ~ 2950MHz & 3270 ~ 3300MHz	
7. Connector	Ø0.4mm PIN	
8. Finish	Silver Plating	
9. Power Handling	30dBm Max.	
10. In/Out Impedance	50Ω	
11. Operating Temp Range	-40°C ~ +70°C	
12. Dimension[WxDxH]	46.4 X 10.0 X 6.8mm Max	

※It is subjected to change with prior notice.