

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

Product Name : LC Band Pass Filter

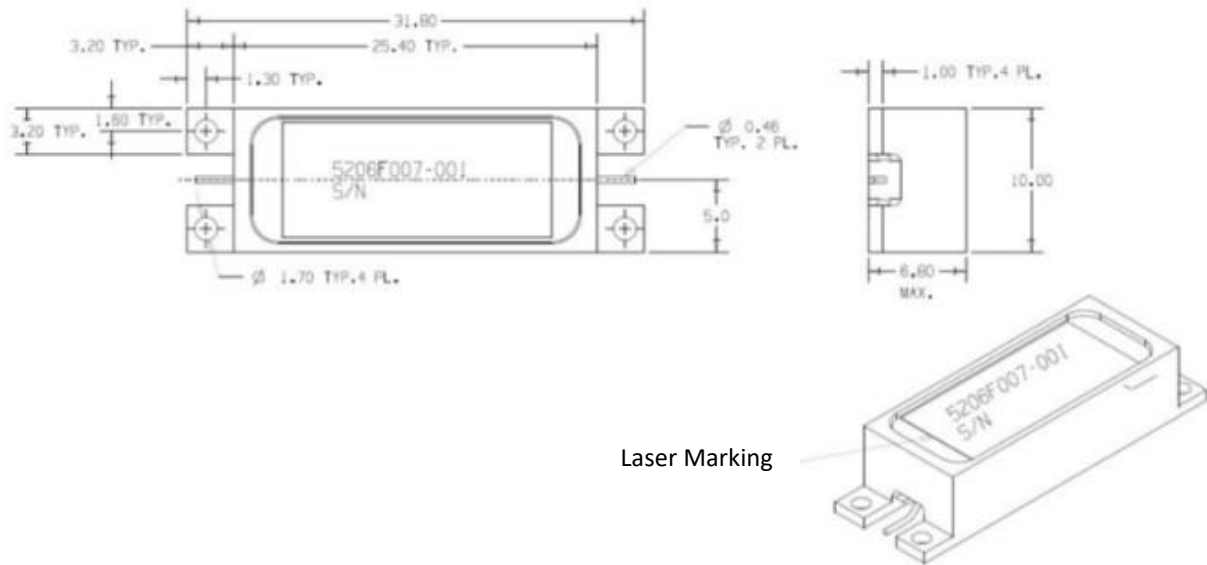
Part No : MBP-C2600_300ML-A-R0

(5206F007-001)

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.12.06..	Jeffrey Jeong	Michael Jeon
2					
3					
4					
5					
6					

■ Mechanical Drawing

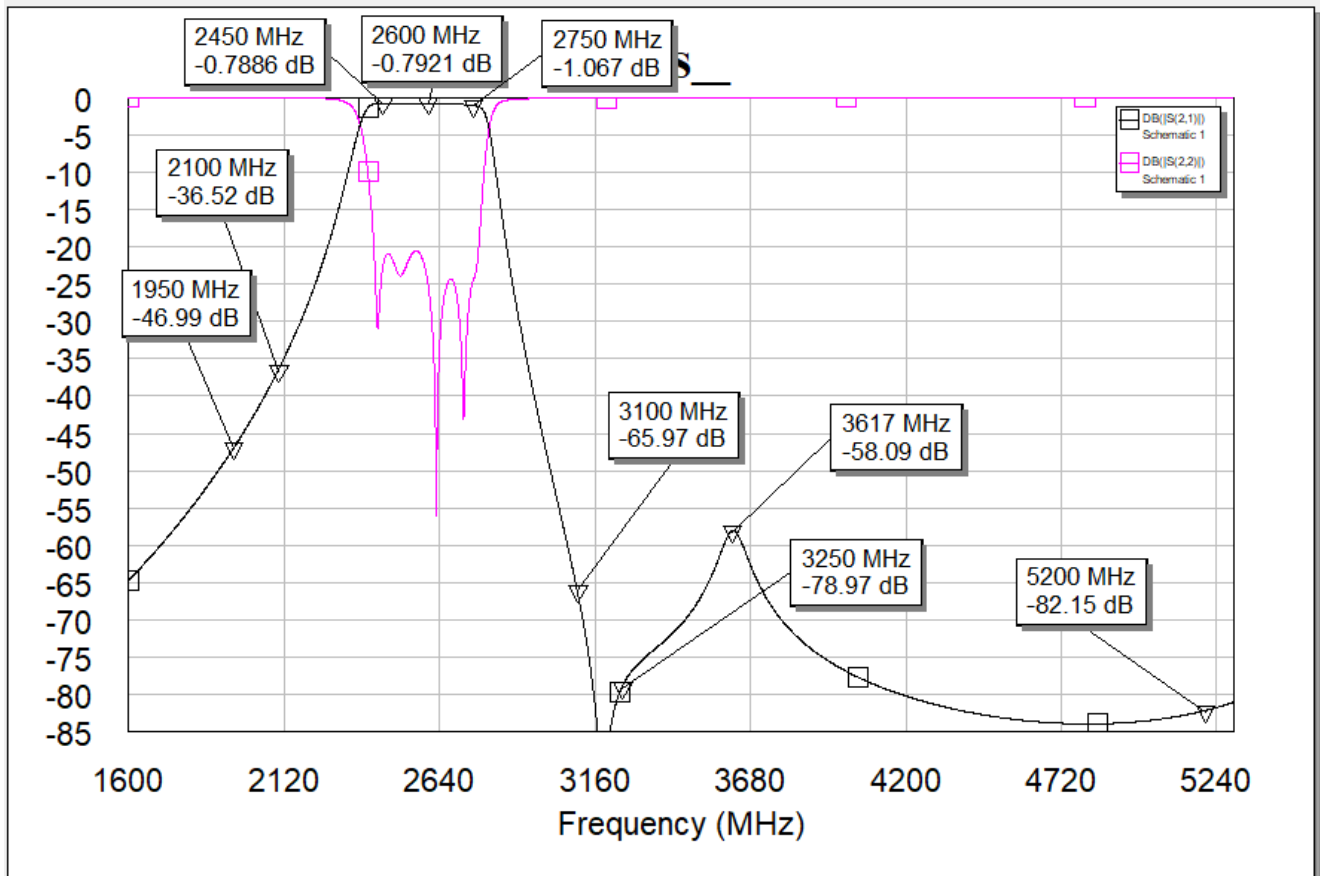


■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	2600MHz	
2. 1dB Bandwidth	300MHz min [2450 ~ 2750MHz]	
3. Insertion Loss in BW	2.0dB max.	
4. Ripple in BW	1.0dB Max.	
5. .Return Loss in BW	15dB min	
6. Attenuation[Relative Value]	35dBc min @ DC ~ 1950MHz 20dBc min @ 1950 ~ 2100MHz 30dBc min @ 3100 ~ 3250MHz 35dBc min @ 3250 ~ 5200MHz 45dBc min @ 5200MHz	
7. Phase Consistency	±2.5° Max (2450 ~ 2500MHz & 2700 ~ 2750MHz at 10MHz)	
10. Power Handling	24dBm Max.	
11. In/Out Impedance	50Ω	
12. Operating Temp Range	-40°C ~ +105°C	
13. Storage Temp Range	-55°C ~ +125°C	
14. Dimension[WxDxH]	25.4 X 10.0 X 6.8mm Max	

※It is subjected to change with prior notice.

■ Simulation Curve



■ Soldering Profile

