

PRODUCT SPECIFICATION FOR INFORMATION

FINAL SPECIFICATION

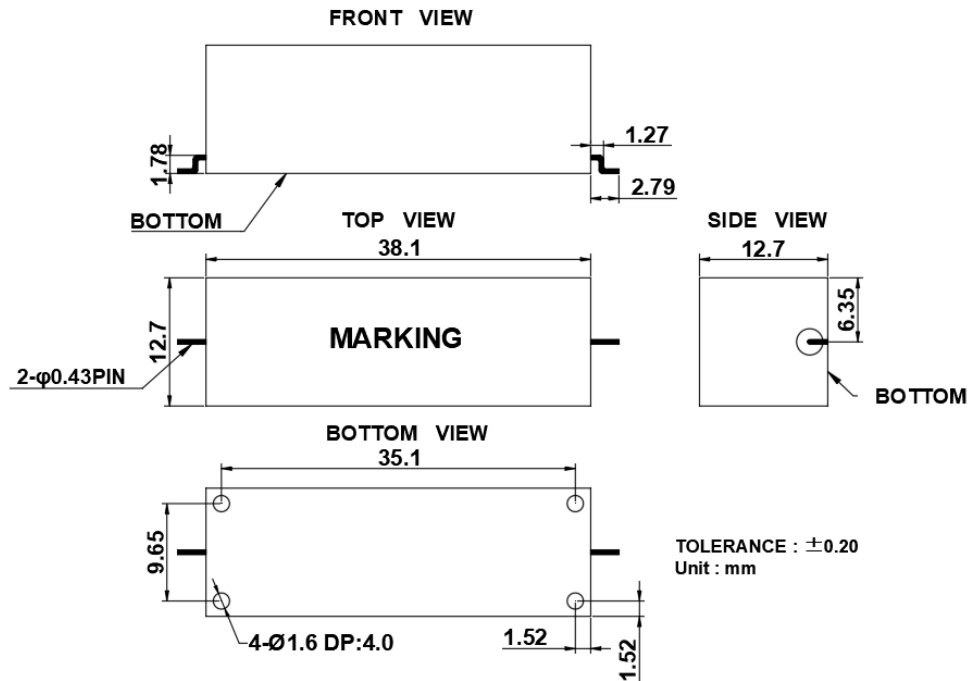
Product Name : LC Band Pass Filter

Part No : MBP-C60_10ML-A-R1

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2025.02.27.	Jeffrey Jeong	Michael Jeon
2	R1	Changed to dBc	2025.03.02.	Jeffrey Jeong	Michael Jeon
3		Group Delay relieved	2025.04.10.	Jeffrey Jeong	Michael Jeon
4					
5					
6					

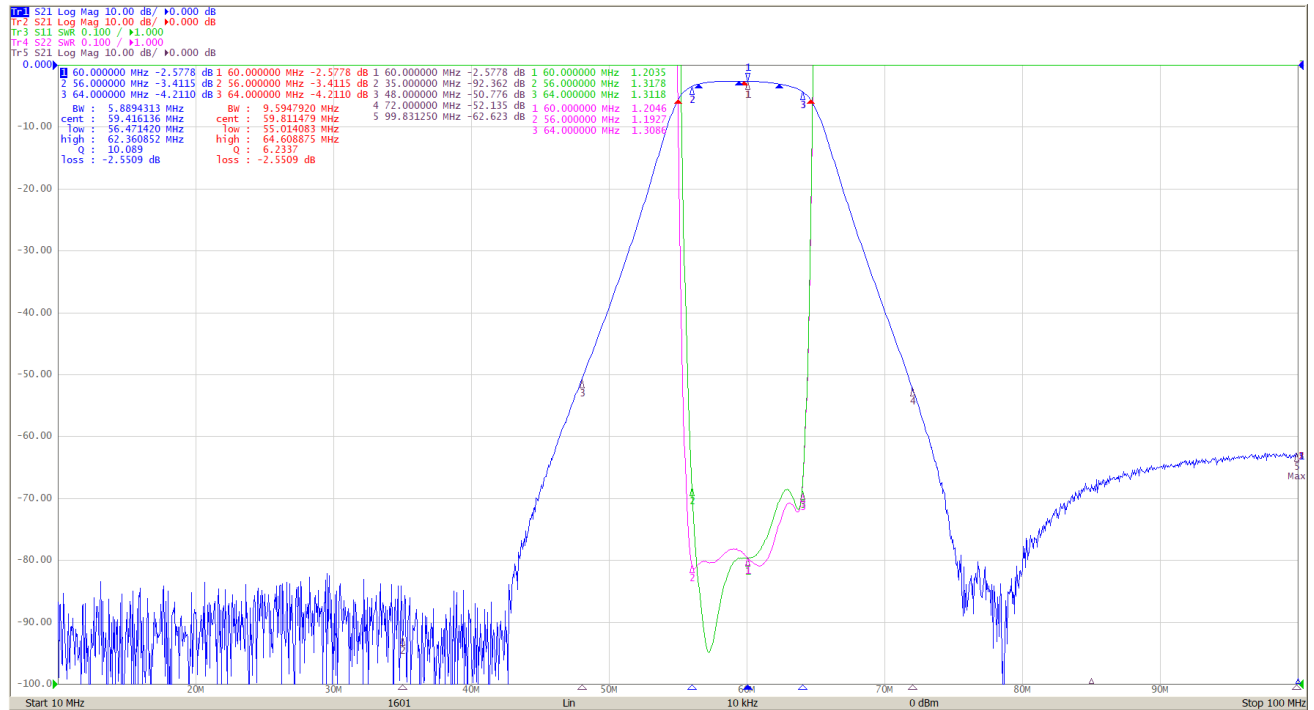
■ Mechanical Drawing



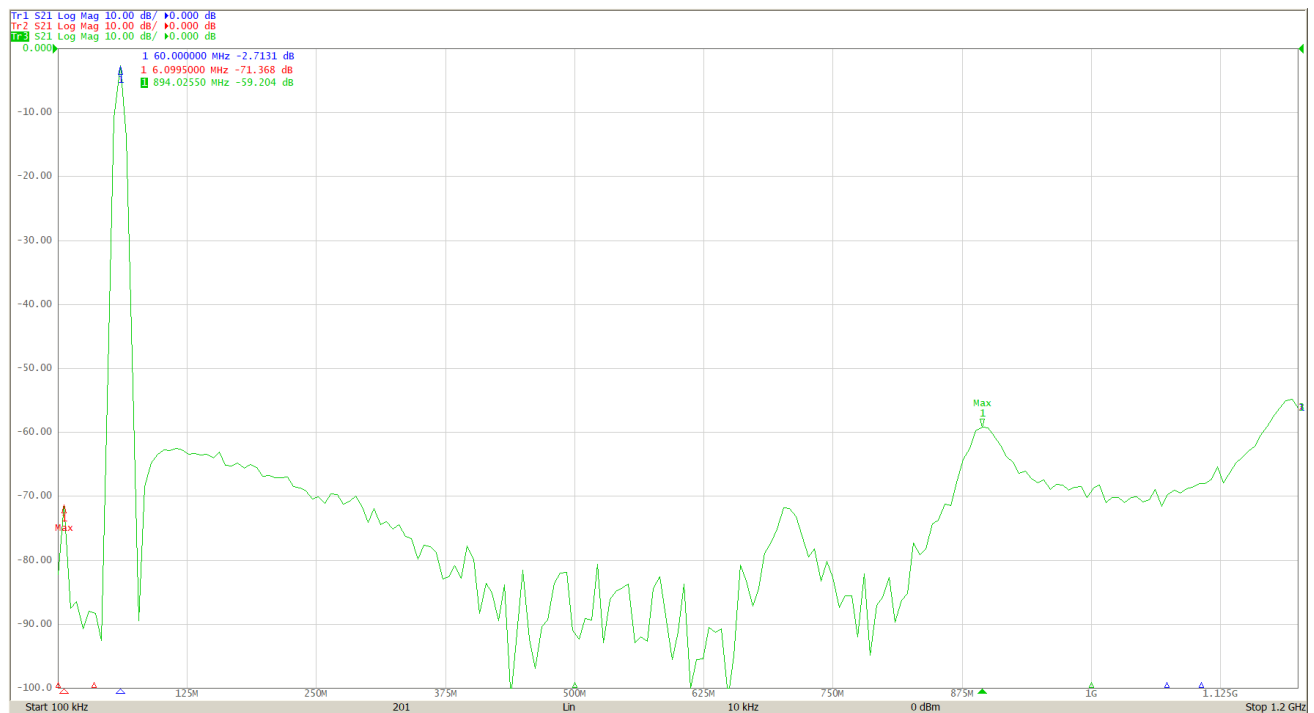
■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	60MHz	
2. 0.5dB Bandwidth	5MHz Min.	
3. 3.0dB Bandwidth	9MHz Min., 10MHz Max.	
4. Insertion Loss @ Fo	1.75dB Min., 3.25dB Max.	
5. V.S.W.R. @ 56 ~ 64MHz	1.5 : 1 Max	
6. Attenuation [Relative Value]	60dBc min @ DC ~ 35MHz 40dBc min @ 35 ~ 48MHz 40dBc min @ 72 ~ 85MHz 60dBc min @ 85 ~ 500MHz 50dBc min @ 500 ~ 1000MHz	
7. Phase Consistency	± 15 Max. @ 55 ~ 65MHz	
8. Group Delay	85nS Min., 110nS Max. @ 60MHz 92nS Min., 125nS Max. @ 57.5 & 62.5MHz 134nS Min., 180nS Max. @ 55 & 65MHz	
9. In/Out Impedance	50Ω	
10. Operating Temp Range	-40°C ~ +70°C	
11. Dimension[WxDxH]	38.1 X 12.7 X 12.7mm ± 0.2 Max	

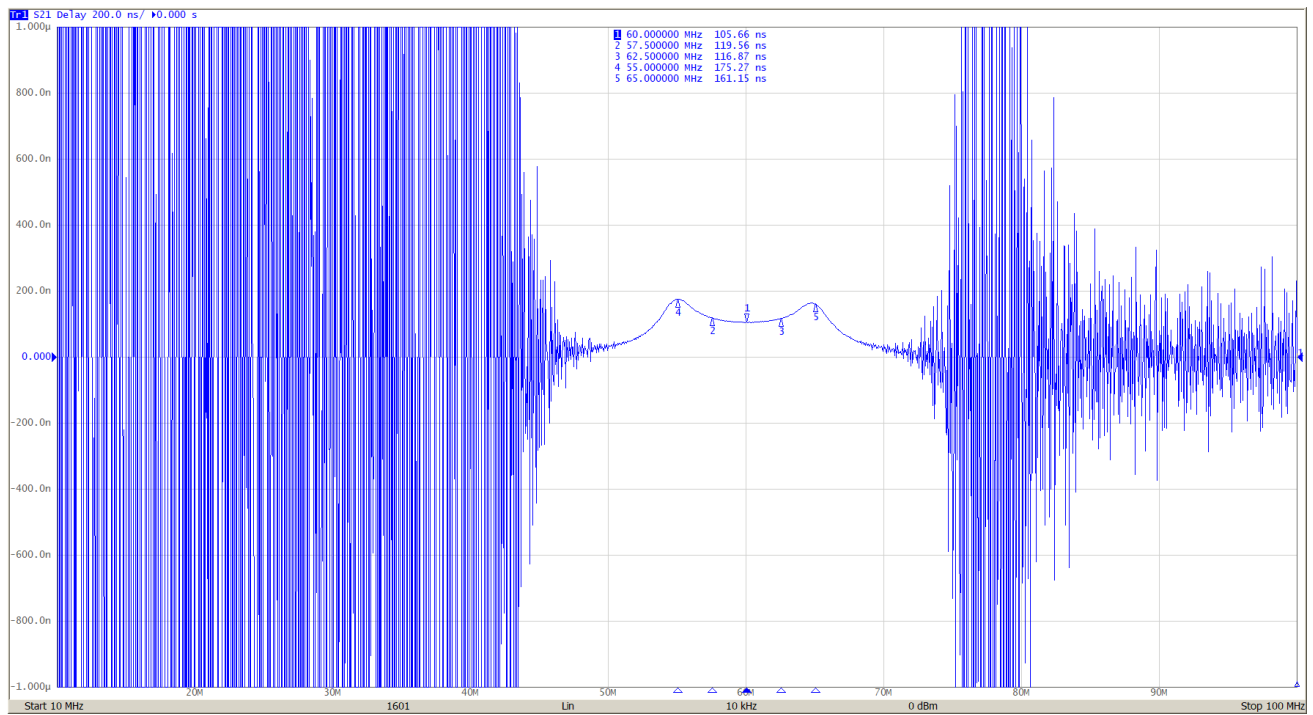
Test Curve



[Main Path]



[Ultimate Rejection]



[Group Delay]