

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

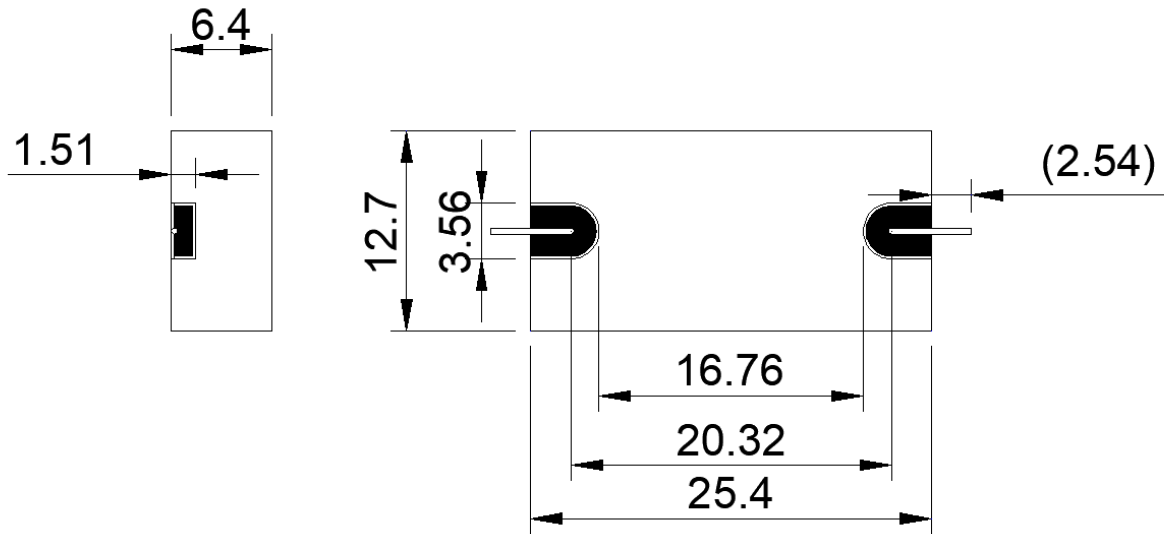
Product Name : LC Band Pass Filter

Part No : MBP-C5500_700ML-A-R1

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.11.22..	Jeffrey Jeong	Michael Jeon
2	R1	GDV added	2024.11.22..	Jeffrey Jeong	Michael Jeon
3					
4					
5					
6					

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	5500MHz	
2. Bandwidth	700MHz min [5150 ~ 5850MHz]	
3. Insertion Loss in BW	1.5dB max.	
4. Ripple in BW	0.5dB Max.	
5. .Return Loss in BW	15dB min	
6. Attenuation[Absolute Value]	40dB min @ DC ~ 2779.36MHz 20dB min @ 2779.36 ~ 3329.36MHz 36dB min @ 7000 ~ 13000MHz	
7. Group Delay @ Fo	1.45nS±0.5nS Max	
8. Group Delay Variation @ BW0.5	1nS Max	
9. Input/Output	Ø 0.4mm Pin	
10. Power Handling	30dBm Max.	
11. In/Out Impedance	50Ω	
12. Operating Temp Range	-40°C ~ +70°C	
13. Dimension[WxDxH]	25.4 X 12.7 X 6.4mm Max	

※It is subjected to change with prior notice.