

PRODUCT SPECIFICATION FOR INFORMATION

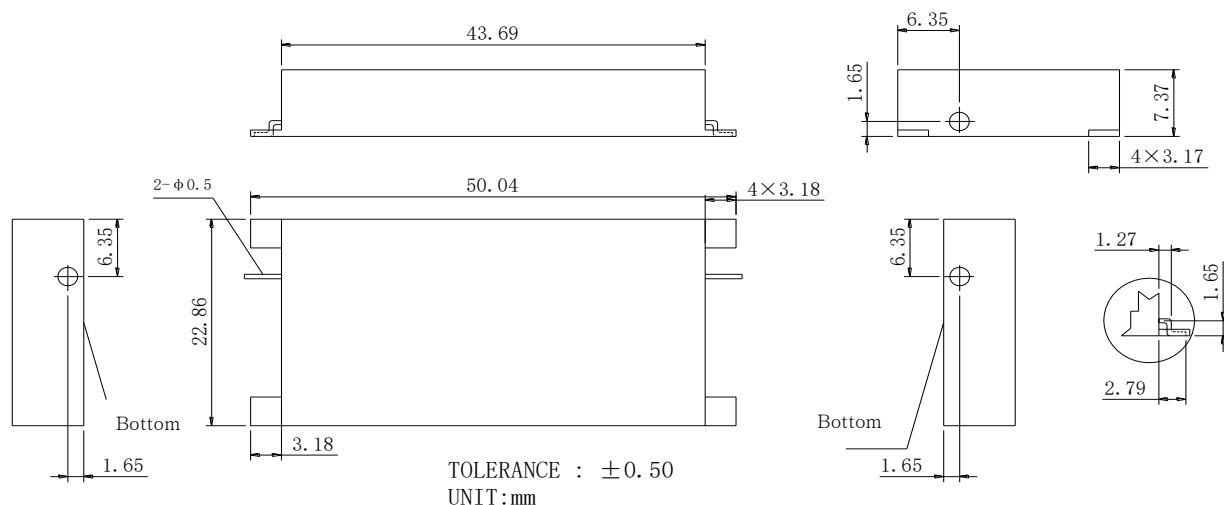
PRELIMINARY SPECIFICATION

Product Name : Dielectric Band Pass Filter

Part No : MBP-C1210_25MD-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2025. 05. 07.	Jeffrey Jeong	Michael Jeon
2					
3					
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Parameter	Specification	Remark
1. Center Frequency[Fo]	1210.32MHz	
2. 0.5dB Bandwidth	14MHz [1203.32 ~ 1217.32MHz] min	
3. 3dB Bandwidth	25MHz [1197.82 ~ 1222.82MHz] min	
3. Insertion Loss @ Fo	4.1dB Max.	
4. Group Delay in BW	38±5nS Max.	
5. Group Delay Variation @ 1210.32±2MHz	1.0nS Max.	
6. Return Loss in 0.5dB BW(S11, S22)	16dB Min.	
7. Attenuation[Absolute Value]	60dB min @ DC ~ 1020MHz 70dB min @ 1020 ~ 1040MHz 60dB min @ 1040 ~ 1151MHz 58dB min @ 1151 ~ 1154MHz 53dB min @ 1266.6 ~ 1278.6MHz 60dB min @ 1278.6 ~ 3000MHz 50dB min @ 3000 ~ 6000MHz	
8. In/Out Impedance	50Ω	
9. Operating Temp Range	-40℃ ~ +85℃	
10. Dimension[WxDxH]	43.69 X 22.86 X 7.37mm ±0.5 Max	