

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

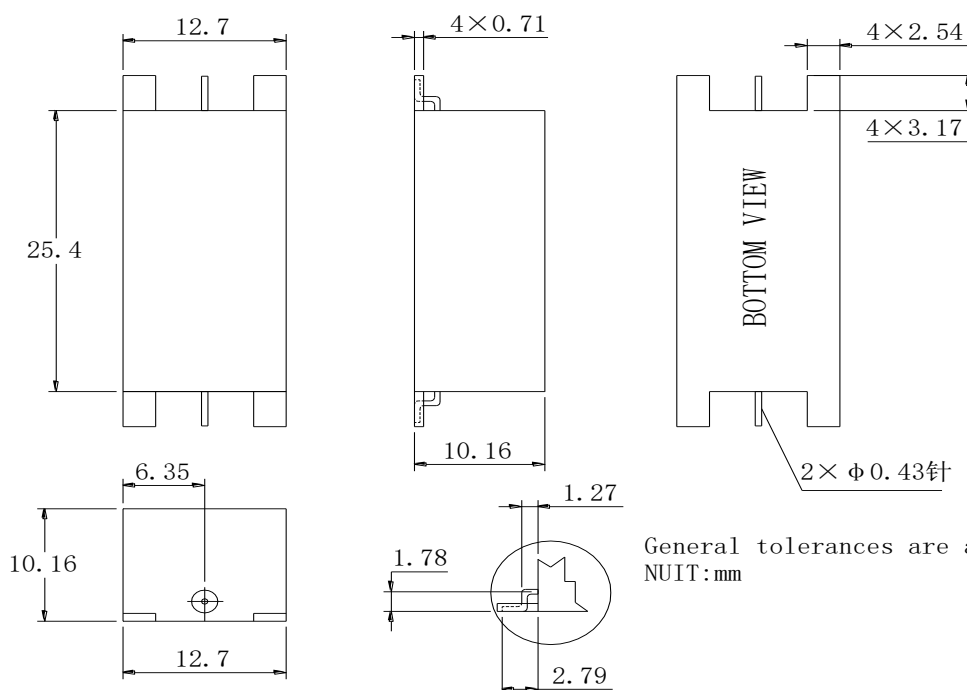
Product Name : Dielectric Band Pass Filter

Part No : MBP-C1210_65MD-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2025. 05. 07.	Jeffrey Jeong	Michael Jeon
2					
3					
4					
5					
6					

■ Mechanical Drawing



General tolerances are as follows : ± 0.50
NUT: mm

■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	1210.32MHz	
2. 3dB Bandwidth	65MHz [1177.82 ~ 1242.82MHz]	
3. Insertion Loss in BW	3.5dB Max.	
4. Ripple in BW	1.0dB Max.	
5. Return Loss in 1184 ~ 1236MHz (S11, S22)	14dB Min	
6. Group Delay in BW	15 $\pm$ 5nS Max.	
7. Group Delay Variation in 1210.32 $\pm$ 5MHz	4.0nS Max	
8. Attenuation[Absolute Value]	70dB min @ DC ~ 1030MHz 45dB min @ 1322.82MHz 70dB min @ 1500 ~ 3000MHz 50dB min @ 3001 ~ 6000MHz	
9. In/Out Impedance	50 Ω	
10. Operating Temp Range	-40 $^{\circ}$ C ~ +85 $^{\circ}$ C	
11. Dimension[WxDxH]	25.4 X 12.7 X 10.16mm ± 0.5 Max	

※It is subjected to change with prior notice.