

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

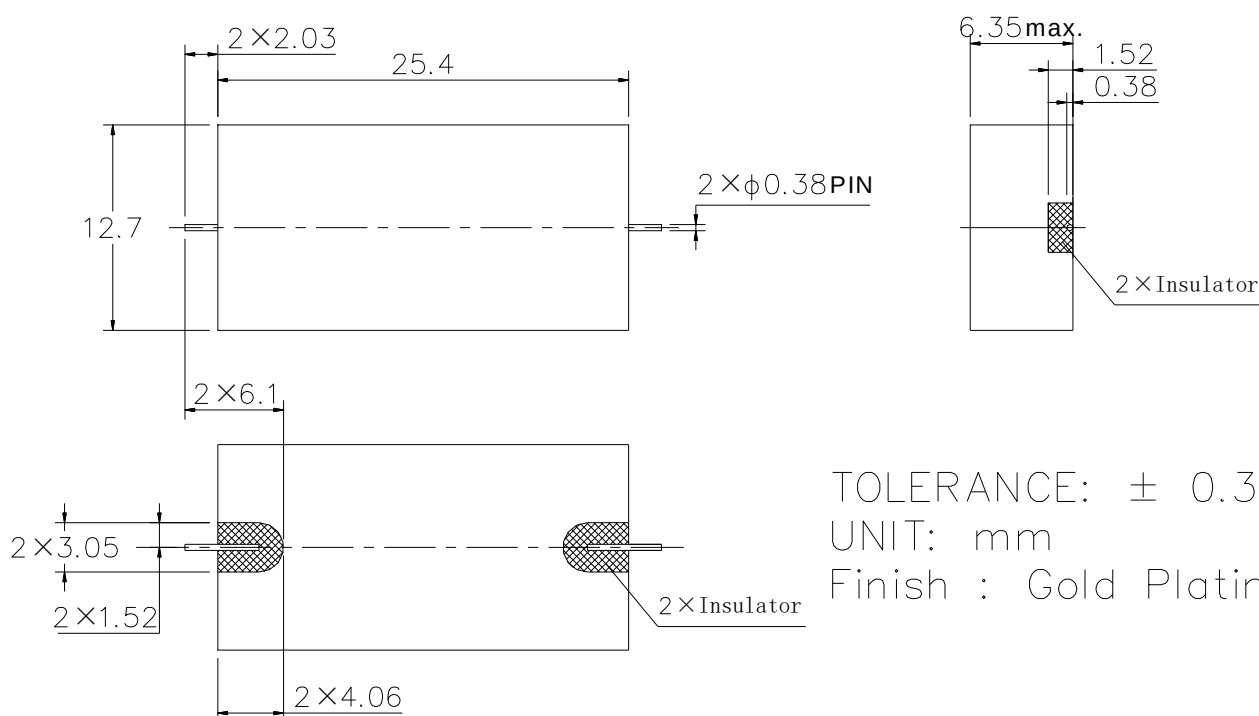
Product Name : Dielectric Band Pass Filter

Part No : MBP-C6279_300MD-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



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency[Fo]	6279MHz	
2. 0.5dB Bandwidth	300MHz [6129 ~ 6429MHz]	
3. Insertion Loss @ Fo	1.75dB Max.	
4. Group Delay @ Fo	1.5±1nS Max.	
5. Group Delay Variation in 0.5dB BW	1.0nS Max.	
6. Return Loss in 0.5dB BW(S11, S22)	15dB Min.	
7. Attenuation[Relative Value]	40dBc min @ DC ~ 5129MHz 40dBc min @ 9000 ~ 10000MHz	
8. In/Out Impedance	50Ω	
9. Operating Temp Range	-40°C ~ +85°C	
10. Dimension[WxDxH]	25.4 X 12.7 X 6.35mm ±0.3 Max	

※It is subjected to change with prior notice.