

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

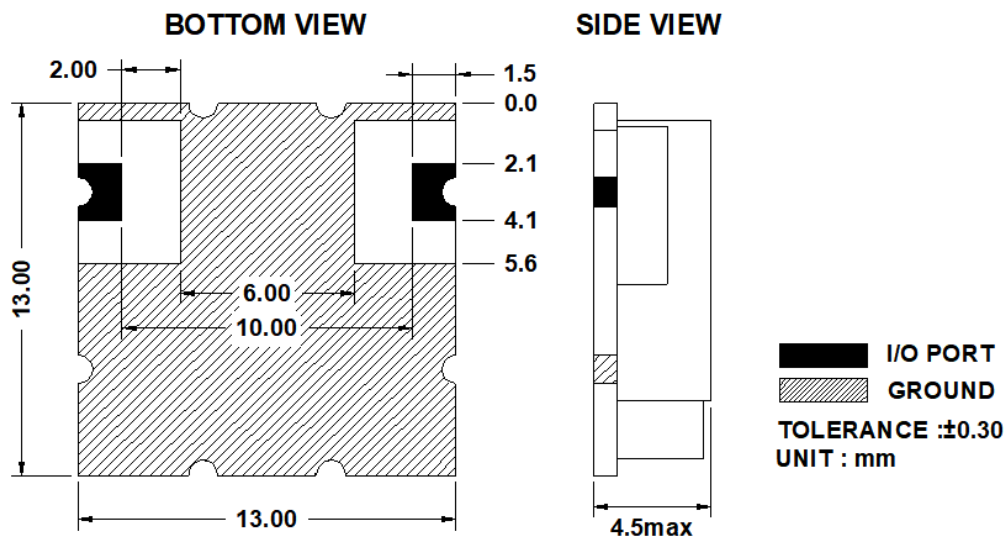
Product Name : Ceramic Band Pass Filter

Part No : MBP-C1300_425MC-A-R1

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.09.19.	Jeffrey Jeong	Michael Jeon
2	R1	Rejection value changed after 3D EM	2024.11.19.	Jeffrey Jeong	Michael Jeon
3					
4					
5					
6					

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	1300MHz	
2. Bandwidth	425MHz [1087.5 ~ 1512.5MHz]	
3. Insertion Loss in BW	2.5dB Max.	
4. Ripple in BW	1.0dB Max.	
5. V.S.W.R. in BW	1.5 : 1 Max	
6. Group Delay Variation in BW	5nS Max	
6. Attenuation[Absolute Value]	70dB min @ DC ~ 400MHz 55dB min @ 500 ~ 600MHz 40dB min @ 700 ~ 800MHz 40dB min @ 1800 ~ 2000MHz	
7. Power Handling	34dBm Max.	
8. In/Out Impedance	50Ω	
9. Operating Temp Range	-40°C ~ +85°C	
11. Dimension[WxDxH]	13.0 X 13.0 X 4.5mm ±0.3 Max	

※It is subjected to change with prior notice.

■ Simulation Curve

