

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

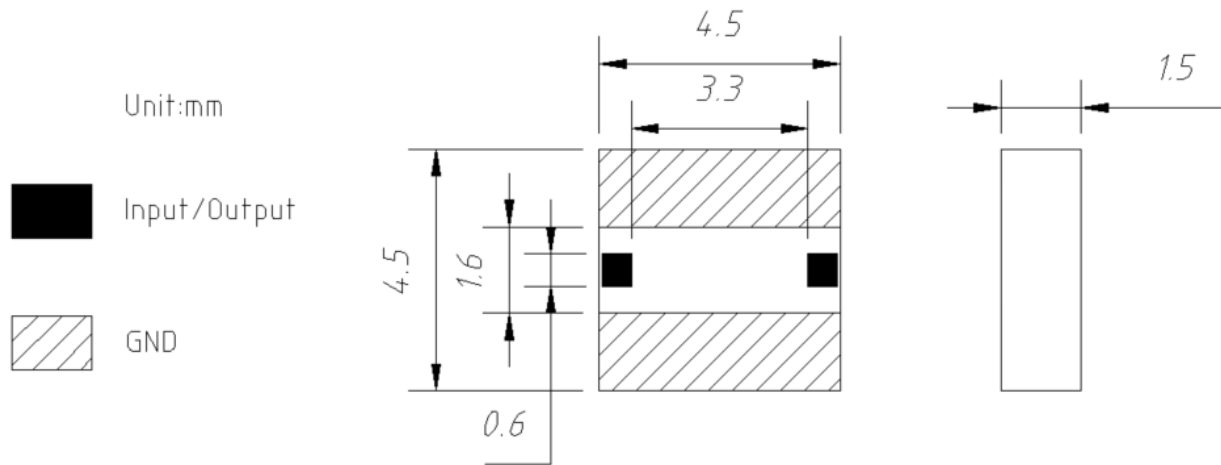
Product Name : LTCC Band Pass Filter

Part No : MBP-C14000_1000MX-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.04.02.	Jeffrey Jeong	Michael Jeon
2					
3					
4					
5					
6					

■ Mechanical Drawing



Note :

1. SMT temperature won't exceed 230°C within 20s max.
2. Recommended the solder paste of 62Sn36Pb2Ag

■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	14000MHz	
2. Bandwidth	1000MHz [13500 ~ 14500MHz]	
3. Insertion Loss @ Fo	1.0dB Max.	
4. Ripple	±0.5dB Max.	
5. Return Loss	13dB min	
6. Attenuation[Absolute Value]	30dB min @ 8 ~ 12GHz 50dB min @ 9 ~ 10MHz 30dB min @ 10 ~ 12GHz	
7. Power Handling	10dBm Max.	
8. In/Out Impedance	50Ω	
9. Operating Temp Range	-40°C ~ +70°C	
10. Storage Temp Range	-55°C ~ +85°C	
14. Dimension[WxDxH]	4.50 X 4.50 X 1.5mm Max	

※It is subjected to change with prior notice.