

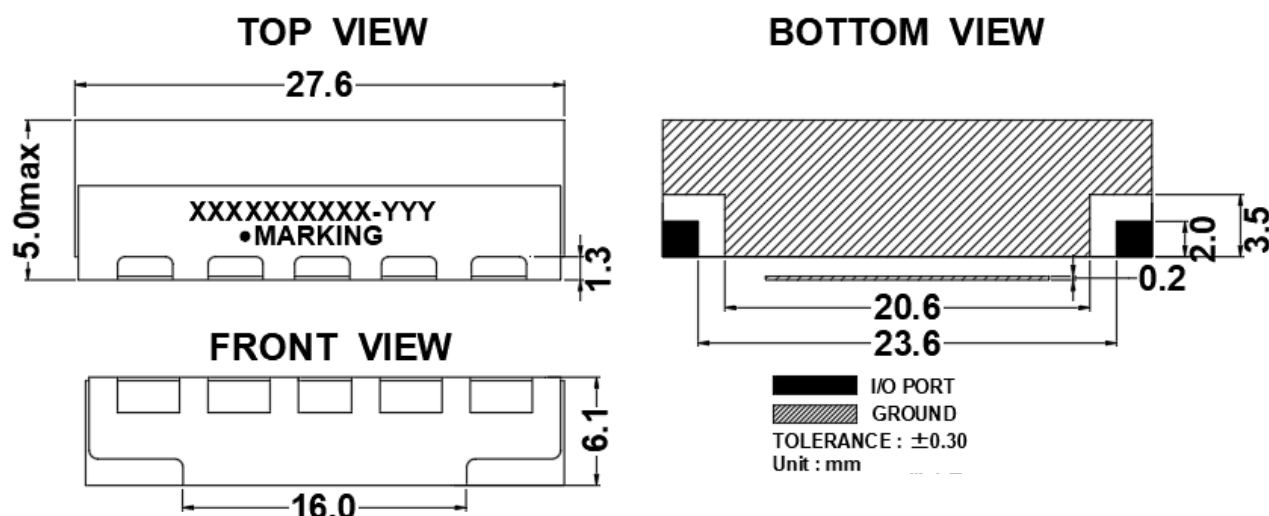
PRODUCT SPECIFICATION FOR INFORMATION

Product Name : Ceramic Band Pass Filter

Part No : MBP-C5500_1000MM-A-R0

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2025.11.27.	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	5500MHz	
2. Bandwidth	1000MHz [5000 ~ 6000MHz	
3. Insertion Loss @ Fo	0.8dB Max.	
4. Ripple in BW	0.7dB Max.	
5. Return Loss	14dB min	
6. Rejections [Absolute Value]	60dB Min @ 2900 ~ 3300MHz 40 dB min @ 500 ~ 3875MHz 30dB min @ 4200MHz 30dB min @ 4500MHz 10dB min @ 6150MHz 30dB min @ 6350 ~ TBD	
7. Impedance	50Ohm	
8. Operating Temperature	-45°C ~ +85°C	
9. Power Handling	30dBm Max.	
10. Size (W × D × H)	27.6 X 5.0 x 6.1mm ± 0.3 mm	

Remarks: The recommended soldering temperature does not exceed 220°C

■ Simulation Curve

