

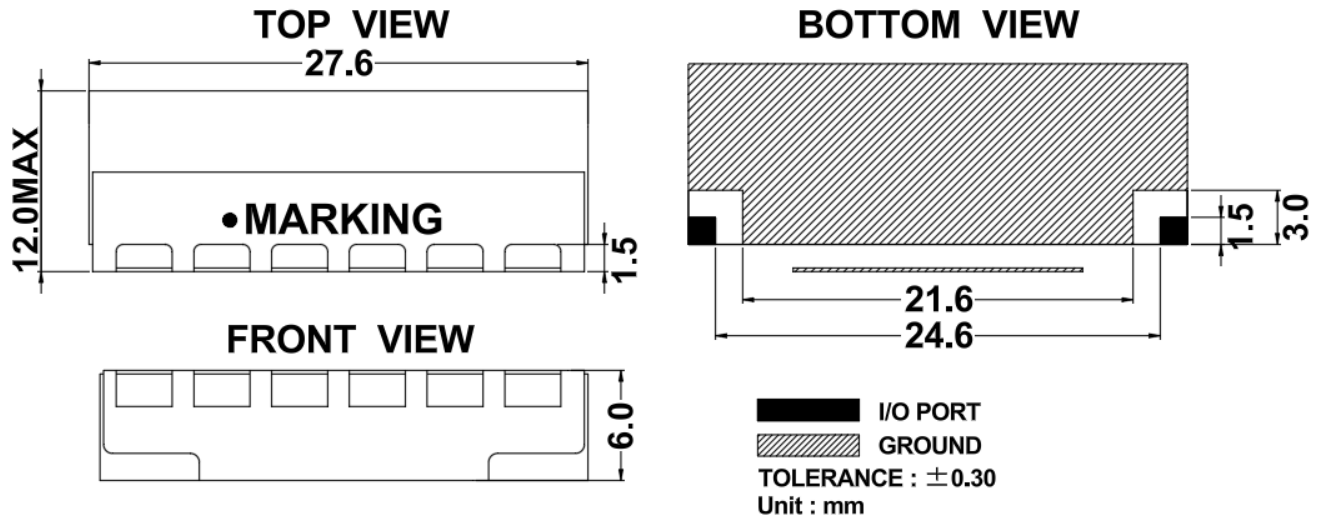
PRODUCT SPECIFICATION FOR INFORMATION

Product Name : Ceramic Band Pass Filter

Part No : MBP-C780.5_45MM-A-R0

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2025. 10. 01.	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	780.5MHz	
2. Bandwidth [BW]	$F_c \pm 22.5\text{MHz}$ [758 ~ 803MHz]	
3. Insertion Loss in BW	6.0dB Max.	
4. Ripple in BW	3.5dB Max.	
5. Return Loss	13dB min	
6. Rejections [Absolute Value]	50dB Min @ DC ~ 748MHz	
	50dB Min @ 824 ~ 850MHz	
7. Impedance	50Ohm	
8. Operating Temperature	-40°C ~ +70°C	
9. Power Handling	30dBm Max.	
10. Size (W × D × H)	27.6 x 12.0 x 6.0mm $\pm 0.3\text{mm}$	

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

■ Simulation Curve

