

## PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

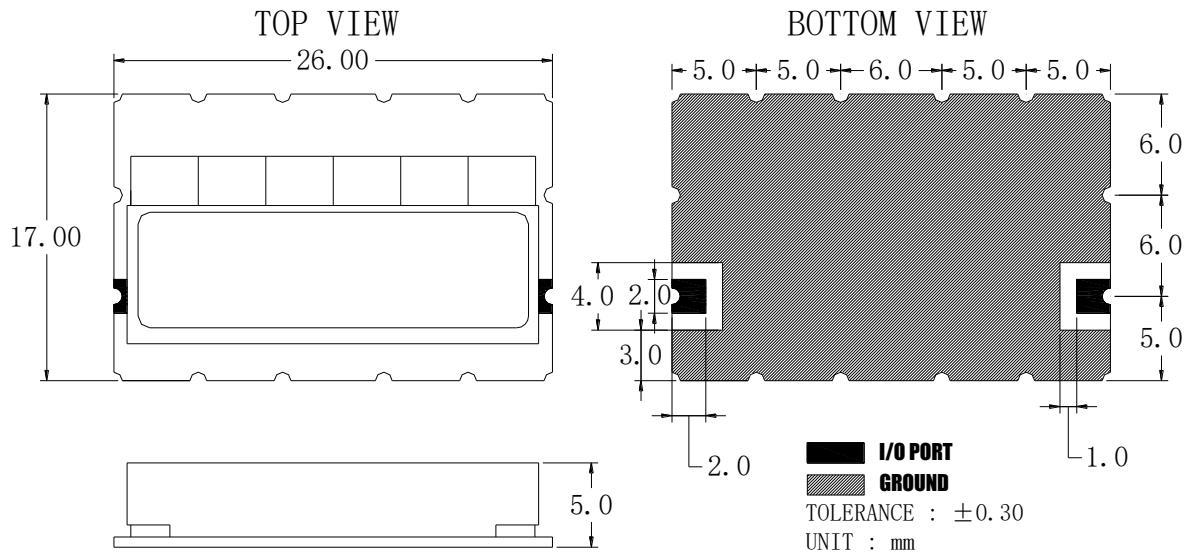
**Product Name : Ceramic Band Pass Filter**

**Part No : MBP-C700\_100MC-A-R0**

### ■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2022.06.10	Bryan Jeon	Michael Jeon

## ■ Mechanical Drawing



### Note

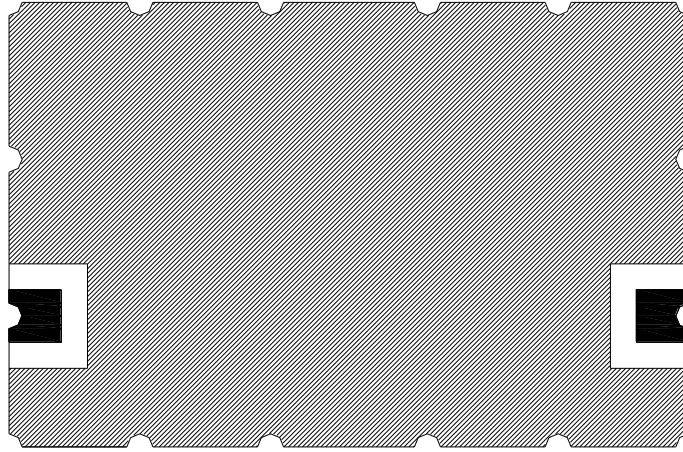
1. Connector : SMD
2. Finish : Silver Plated

## ■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	700MHz	
2. Frequency Range	$f_0 \pm 50$ [650~750]MHz	
3. Insertion Loss in Pass Band	4.0dB Max.	
4. Ripple in Pass Band	1.0dB Max.	
5. Return Loss	14B Min,	
6. Attenuation [Absolute Value]	30dB Min. @ 250~350MHz	
	50dB Min. @ 450~550MHz	
	15dB Min. @ 600MHz	
	10dB Min. @ 800MHz	
	30dB Min. @ 850~950MHz	
	20dB Min. @ 1050~1350MHz	
7. Group Delay Variation	6ns Max.	
8. Input / Output Impedance	50Ω	
9. Power Handling	1W max	CW
10. Mounting	SMD	
11. Operating temp	-40 to +85°C	

Remarks: This is a preliminary datasheet for reference.

## ■ RECOMMENDED PC BOARD PATTERN



Remarks: Recommend using silver-containing solder paste.