

## PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

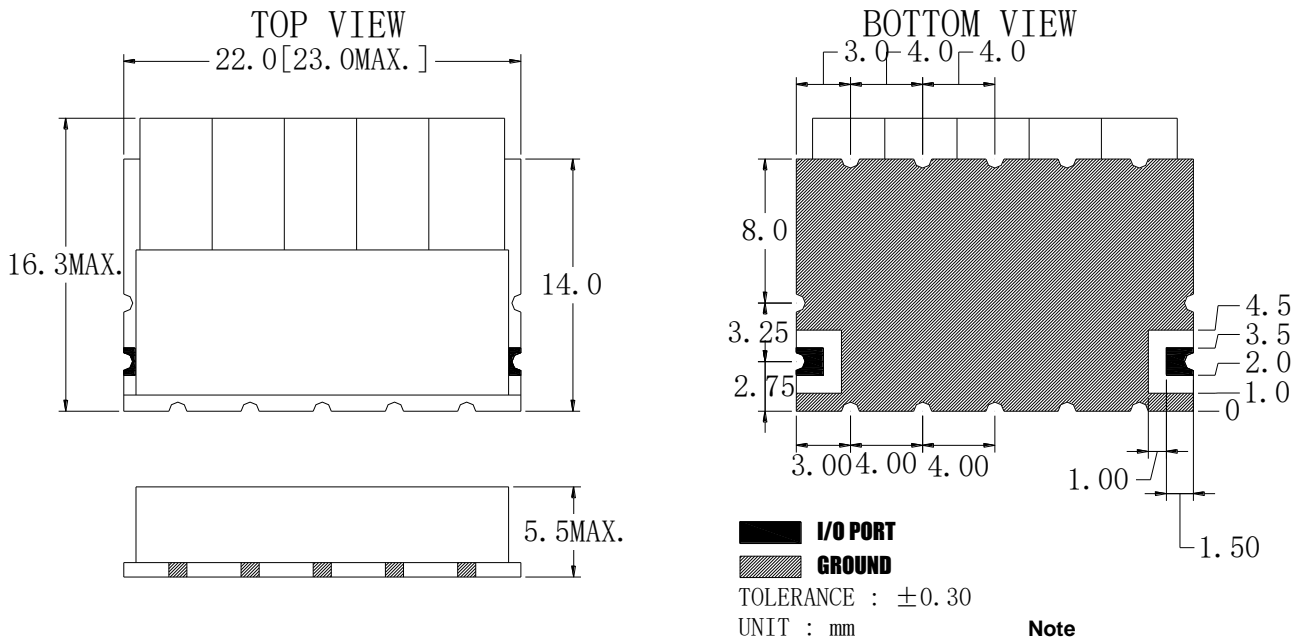
**Product Name : Ceramic Band Pass Filter**

**Part No : MBP-C3100\_450MC-B-R0**

### ■ History List

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

## ■ Mechanical Drawing



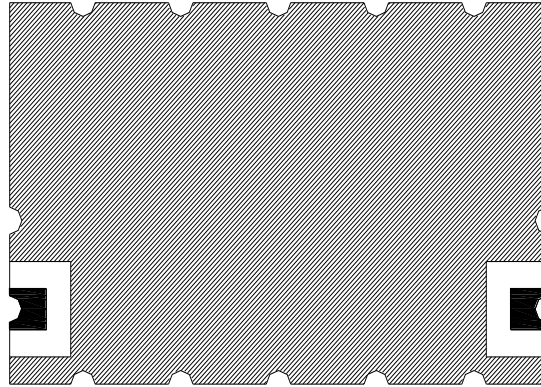
**Note**  
1. Connector : SMD  
2. Finish : Silver Plated

## ■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	3100MHz	
2. Frequency Range	fo ±225[2875~3325]MHz	
3. Insertion Loss in Pass Band	2.0dB Max.	
4. Ripple in Pass Band	1.0dB Max.	
5. Return Loss	14dB Min,	
6. Attenuation [Absolute Value]	30dB Min. @ 2200MHz	
	20dB Min. @ 2690MHz	
	20dB Min. @ 3600~4200MHz	
	30dB Min. @ 5700~6700MHz	
7. Group Delay Variation	4ns 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.