

## PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

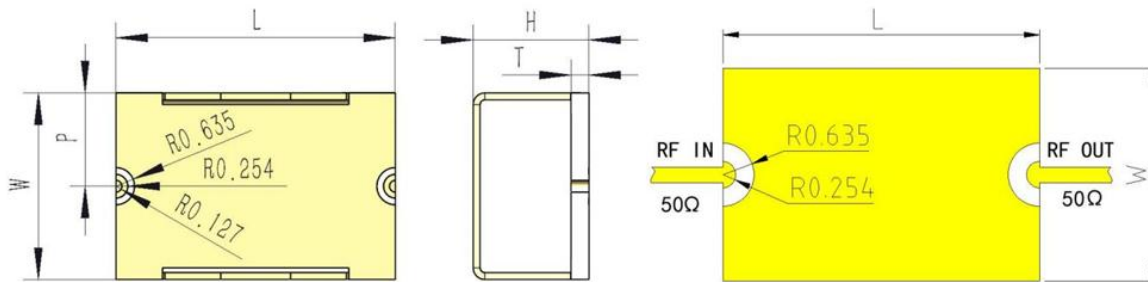
**Product Name : Alumina Band Pass Filter**

**Part No : MBP-C11550\_530MT-B-R0**

### ■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2025.02.27.	Jeffrey Jeong	Michael Jeon
2					
3					
4					
5					
6					

## ■ Mechanical Drawing



L	W	H	P	T
14	5.6	2.5	2.8	0.381

Unit : mm

Tolerances : L & W  $\pm 0.05\text{mm}$ , H  $\pm 0.2\text{mm}$

Application Remarks : We have already adapted a older paste with 240°C melting temperature for the shielding case and internal components. It meets the requirement of 120°C for 1 hour.

## ■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	11550MHz	
2. Bandwidth	530MHz [ 11285 ~ 11815MHz ]	
3. Insertion Loss @ Room Temp	3.5dB Max.	
4. Insertion Loss @ +85°C	4.0dB Max.	
5. Ripple	0.8dB Max.	
6. Return Loss	12dB Min.	
7. Attenuation [Relative Value]	50dBc min @ 100 ~ 10000MHz 30dBc min @ 12500 ~ 13600MHz 60dBc min @ 13600 ~ 19000MHz 50dBc min @ 19000 ~ 20000MHz	
8. Power Handling	1W	
9. In/Out Impedance	50Ω	
10. Operating Temp Range	-40°C ~ +70°C	
11. Dimension[LxDxH]	12.0 X 5.0 X 2.5mm $\pm 0.2$ Max	

※It is subjected to change with prior notice.

## ■ Simulation Curve

