

PRODUCT SPECIFICATION FOR INFORMATION

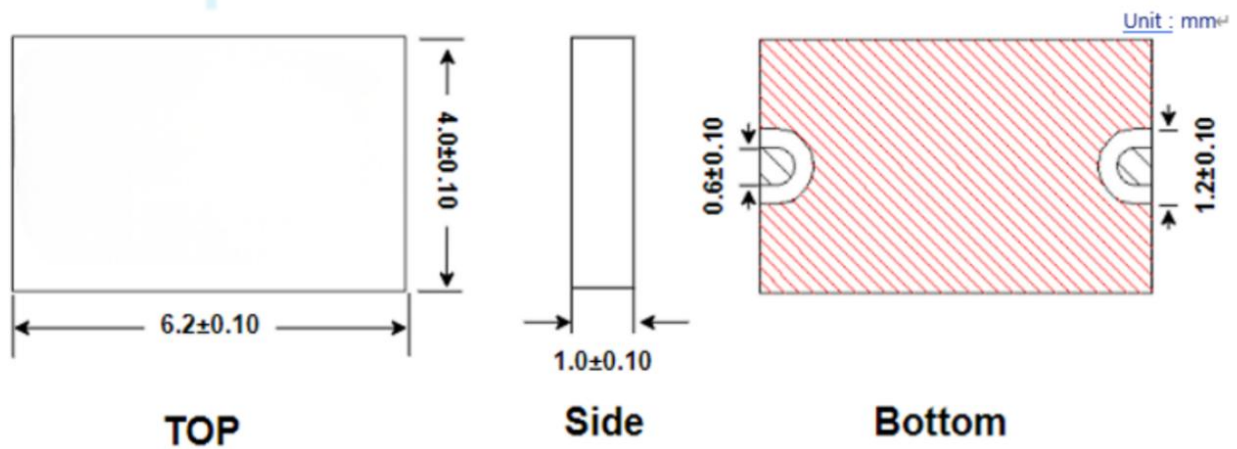
PRELIMINARY SPECIFICATION

Product Name : Alumina SMD type BPF

Part No : MBP-C12_4GM-A-R0

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2025.12.04	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency [Fc]	12GHz	OK
2. Bandwidth [BW]	10~14GHz	OK
3. Insertion Loss at Fc	1.5dB Max.	Proposal
4. Insertion Loss in BW	3.5dB Max.	Proposal
5. Ripple	0.5dB Max.	OK
6. Return Loss	10dB Min.	Proposal
7. Rejections	20dB Min @ 9GHz	Proposal
	25dB Min @ 15.4GHz	Proposal
8. Impedance	50Ohm	OK
9. Power Handling	10dBm Max.	OK
10. Size (W × D × H)	6.2 x 4.0 x 1.0mm	Proposal
11. Connection	SMD	OK
12. Operating Temperature	<85°C	OK

Remarks: This is a preliminary datasheet for reference.

Simulation Data

