

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

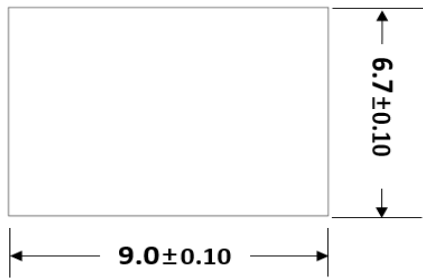
Product Name : Alumina SMD type BPF

Part No : MBP-C4.75_2.5GM-A-R0

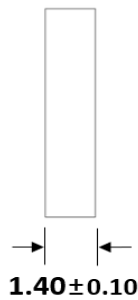
	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2025.12.04	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing

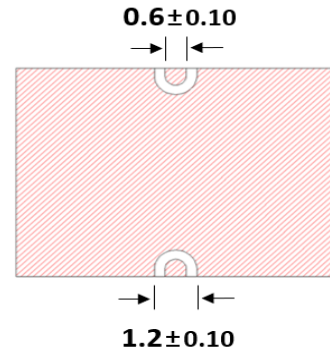
Unit : mm



TOP



Side



Bottom

■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency [Fc]	4.75GHz	OK
2. Bandwidth [BW]	3.5~6GHz	OK
3. Insertion Loss at Fc	1dB Max.	OK
4. Insertion Loss in BW	2.0dB Max.	Proposal
5. Ripple	0.5dB Max.	OK
6. Return Loss	12dB Min.	Proposal
7. Rejections	10dB Min @ 3.2GHz	Proposal
	15dB Min @ 6.6GHz	Proposal
8. Impedance	50Ohm	OK
9. Power Handling	10dBm Max.	OK
10. Size (W × D × H)	6.7 x 9.0 x 1.4mm	Proposal
11. Connection	SMD	OK
12. Operating Temperature	<85°C	OK

Remarks: This is a preliminary datasheet for reference.

Simulation Data

