

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

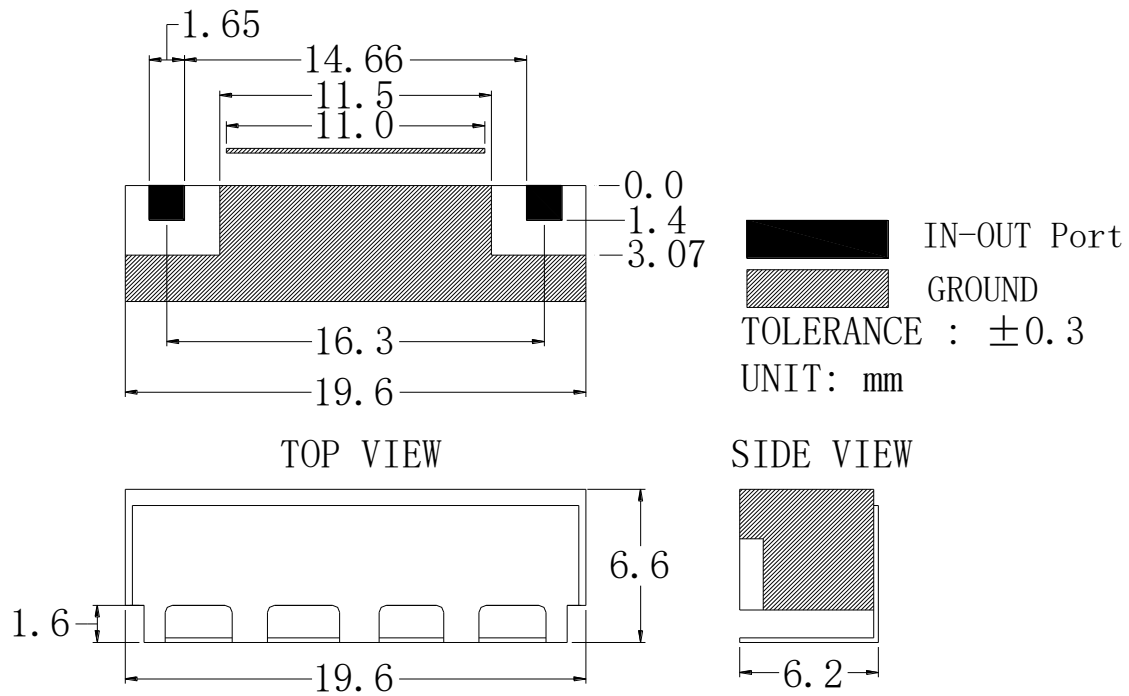
Product Name: MonoBlock Band Pass Filter

Part No: MBP-C3500_200MM-A-R1

■ History List

| No. | Rev. No. | Description | Date | Author | Final Approver |
|-----|----------|------------------------|------------|------------|----------------|
| 1 | R0 | Draft | 2022.02.28 | Bryan Jeon | Michael Jeon |
| 2 | R1 | 1.Added the test curve | 2022.07.11 | Bryan Jeon | Michael Jeon |
| | | | | | |
| | | | | | |

■ Mechanical Drawing



Note
 1. Connector: SMD
 2. Finish: Silver plated

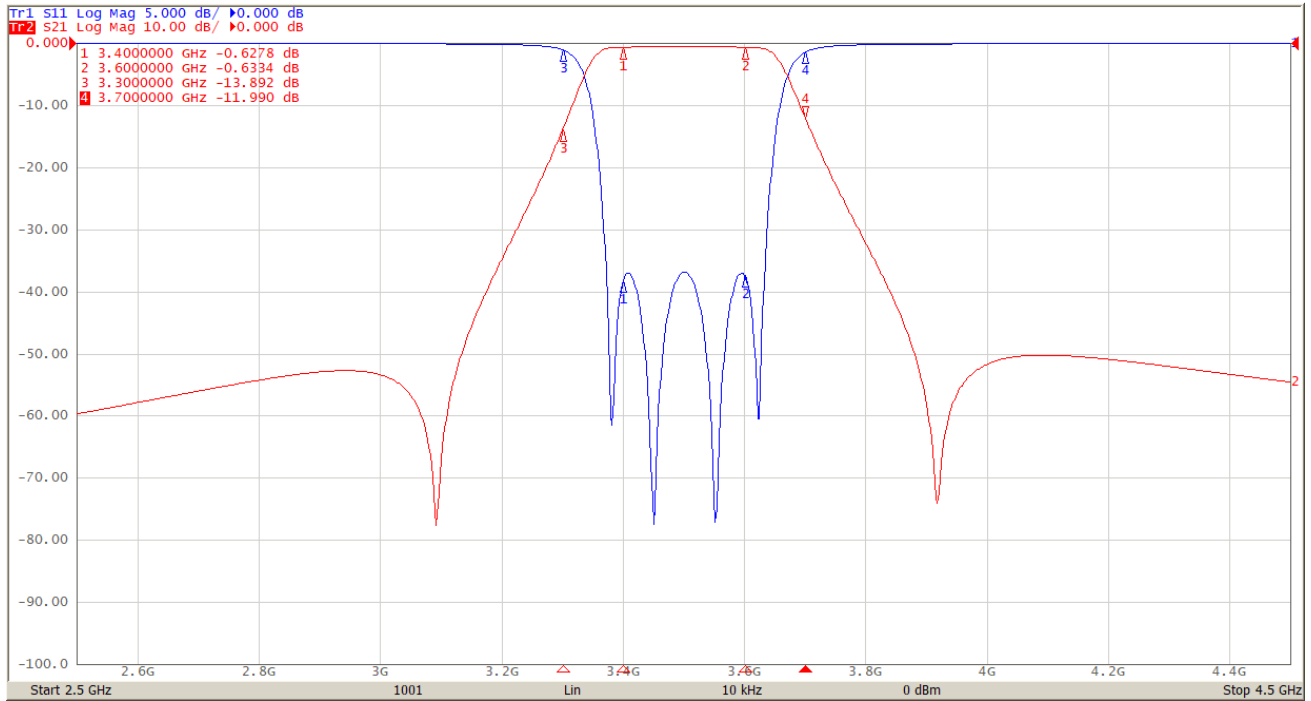
■ Electrical Specification

| Parameter | Specification | Remark |
|---------------------------------|--|--------|
| 1. Center Frequency | 3500MHz | |
| 2. Bandwidth [BW] | $F_c \pm 100\text{MHz}$ [3400~3600MHz] | |
| 3. Insertion Loss in BW | 1.0dB Max. | |
| 4. Ripple in BW | 0.5dB Max. | |
| 5. Return Loss in BW | 14dB Min. | |
| 6. In/Out Impedance | 50Ω | |
| 7. Attenuation [Absolute Value] | 10dB Min. @ 3300MHz | |
| | 10dB Min. @ 3700MHz | |
| 8. Power | 10W Max. | |
| 9. Operation Temperature Range | -40°C to +85°C | |

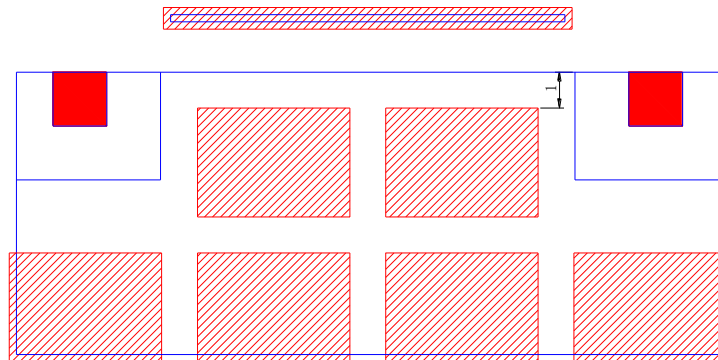
Remarks: This is a preliminary datasheet for reference.

Test curve

2022-07-11 08: 7:13:42



Recommended PC Board Pattern



 **GROUND SOLDERING POINT**

 **I/O PORT SOLDERING POINT**