

## **PRODUCT SPECIFICATION FOR INFORMATION**

PRELIMINARY SPECIFICATION

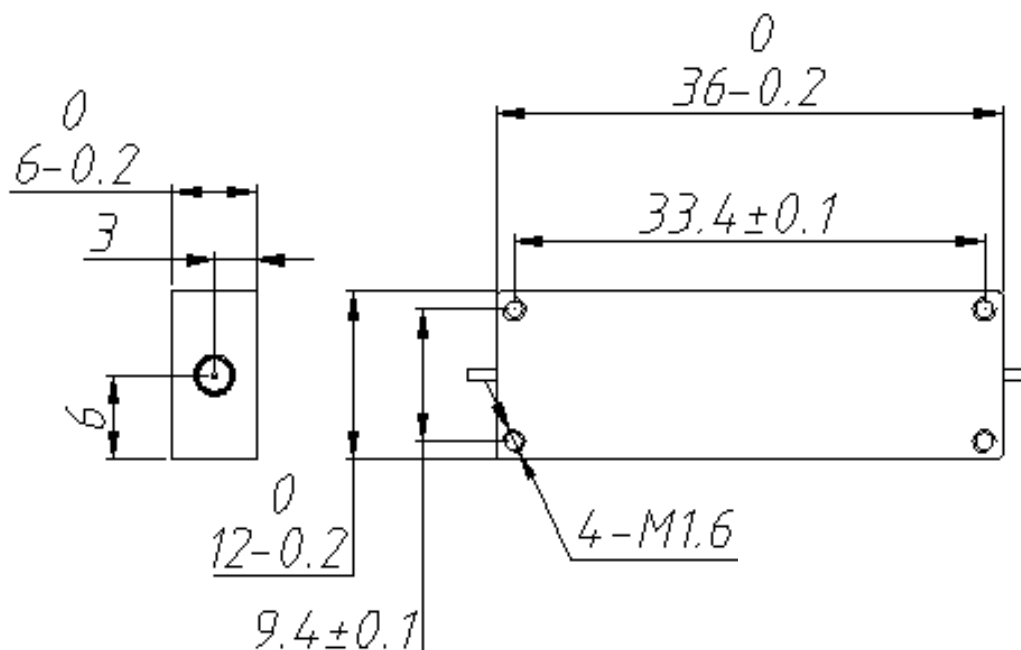
**Product Name: Band Pass Filter**

**Part No: MBP-C11725\_2100MH-A-R0**

### ■ History List

| No. | Rev. No. | Description | Date       | Author     | Final Approver |
|-----|----------|-------------|------------|------------|----------------|
| 1   | R0       | Draft       | 2022.11.24 | Bryan Jeon | Michael Jeon   |
|     |          |             |            |            |                |
|     |          |             |            |            |                |
|     |          |             |            |            |                |

## ■ Mechanical Drawing



Unit: mm

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

## ■ Electrical Specification

| Parameter                       | Specification        | Remark |
|---------------------------------|----------------------|--------|
| 1. Center Frequency (f0)        | 11725MHz             |        |
| 2. 3dB Bandwidth                | 2100MHz              |        |
| 3. Insertion Loss @ f0          | 1.0dB Max.           |        |
| 4. Return Loss                  | 11.7dB Min.          |        |
| 5. In/Out Impedance             | 50Ω                  |        |
| 6. Attenuation [Absolute Value] | 63dBc Min.@ 9000MHz  |        |
|                                 | 49dBc Min.@ 14000MHz |        |
| 7. Power Handling               | 1W Max.              |        |
| 8. Size                         | 36x12x6mm            |        |
| 9. Connector                    | 0.4mm PIN            |        |
| 10. Operation Temperature Range | -40°C to +70°C       |        |

Remarks: This is a preliminary datasheet for reference.