

## PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

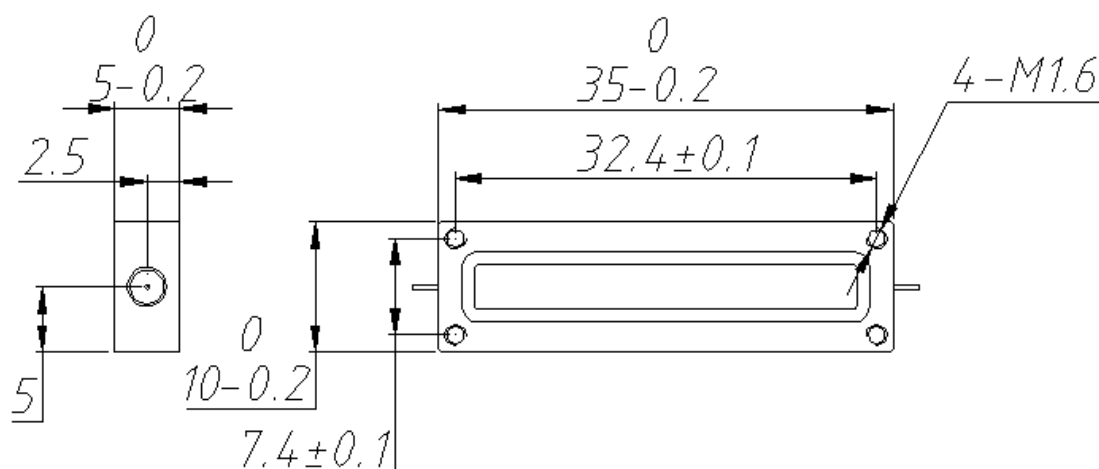
**Product Name : Cavity Band Pass Filter**

**Part No : MBP-C13000\_2000MH-A-R0**

### ■ History List

| No. | Rev. No. | Description | Date       | Author     | Final Approver |
|-----|----------|-------------|------------|------------|----------------|
| 1   | R0       | Draft       | 2022.07.06 | Bryan Jeon | Michael Jeon   |
|     |          |             |            |            |                |
|     |          |             |            |            |                |
|     |          |             |            |            |                |

## ■ Mechanical Drawing



### Note

1. Connector : Glass bead( $\Phi 0.4$ mm pin)
2. Finish :Silver Plated

## ■ Electrical Specification

| Parameter                       | Specification                   | Remark |
|---------------------------------|---------------------------------|--------|
| 1. Center Frequency             | 13000MHz                        |        |
| 2. Frequency Range              | $f_0 \pm 1000$ [12000~14000]MHz |        |
| 3. Insertion Loss in Pass Band  | 2.0dB Max.                      |        |
| 4. Ripple in Pass Band          | 1.0dB Max.                      |        |
| 5. VSWR in BW(S11,S22)          | 1.8 : 1max                      |        |
| 6. Attenuation [Absolute Value] | 60dB Min. @ DC-10800MHz         |        |
|                                 | 60dB Min. @ 15400-28000MHz      |        |
| 7. Input / Output Impedance     | 50 $\Omega$                     |        |
| 8. Power Handling               | 1W max                          | CW     |
| 9. Mounting                     | SMD                             |        |
| 10. Operating temp              | -40 to +85°C                    |        |

Remarks: This is a preliminary datasheet for reference.