

## PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

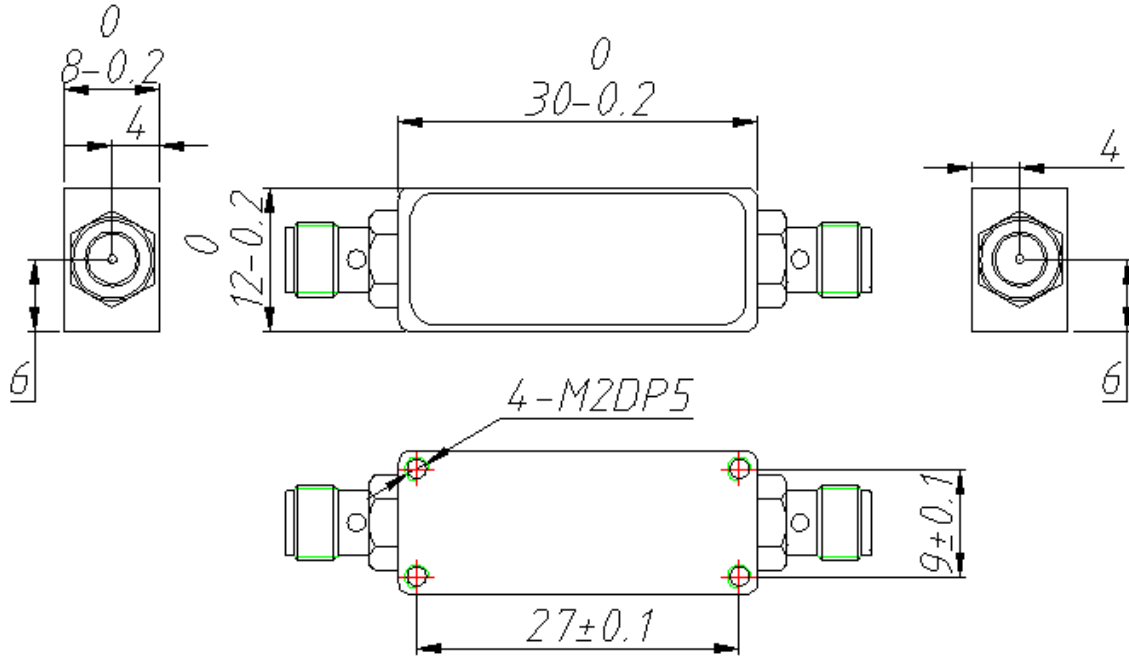
**Product Name : Band Pass Filter**

**Part No : MBP-C10\_4MS-A-R0**

### ■ History List

| No. | Rev. No. | Description | Date       | Author        | Final Approver |
|-----|----------|-------------|------------|---------------|----------------|
| 1   | R0       | Draft       | 2023.11.02 | Jeffrey Jeong | Michael Jeon   |
| 2   |          |             |            |               |                |
| 3   |          |             |            |               |                |
| 4   |          |             |            |               |                |
| 5   |          |             |            |               |                |
| 6   |          |             |            |               |                |

## ■ Mechanical Drawing



## ■ Electrical Specification

| Parameter                       | Specification           | Remark |
|---------------------------------|-------------------------|--------|
| 1. Center Frequency             | 10MHz                   |        |
| 2. Bandwidth                    | 4MHz [ 8- 12MHz ]       |        |
| 3. Insertion Loss in BW         | 2.5dB Max.              |        |
| 4. Ripple in BW                 | 1.0dB Max.              |        |
| 5. Return Loss in BW            | 15dB Min.               |        |
| 6. Attenuation [Absolute Value] | 30dB Min @ 20 ~ 40MHz   |        |
| 7. In/Output Interface          | SMA(F) X 2              |        |
| 8. Power Handling               | 30dBm Max.              |        |
| 9. In/Out Impedance             | 50Ω                     |        |
| 10. Temperature Range           | -40°C ~ +70°C           |        |
| 11. Dimension[WxDxH]            | 30.0 X 10.0 X 6.0mm Max |        |

※It is subjected to change with prior notice.