

## PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

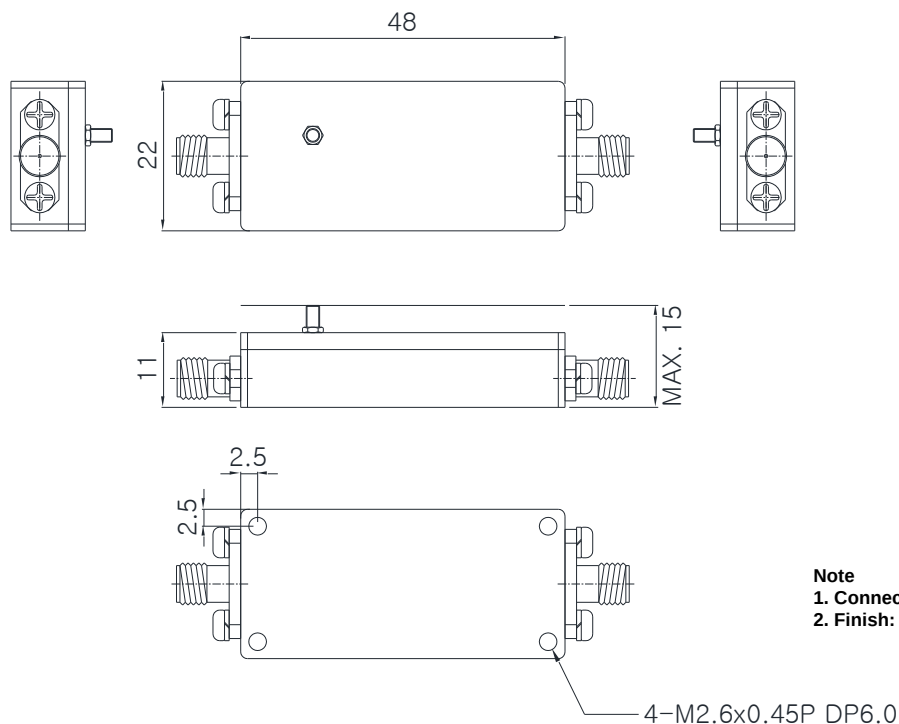
**Product Name: Ku Band Pass Filter**

**Part No: MBP-C10800\_200MS-A-R0**

### ■ History List

| No. | Rev. No. | Description | Date       | Author     | Final Approver |
|-----|----------|-------------|------------|------------|----------------|
| 1   | R0       | Draft       | 2022.08.01 | Bryan Jeon | Michael Jeon   |
|     |          |             |            |            |                |
|     |          |             |            |            |                |
|     |          |             |            |            |                |

## ■ Mechanical Drawing



## ■ Electrical Specification

| Parameter               | Specification                            | Remark       |
|-------------------------|------------------------------------------|--------------|
| 1. Center Frequency     | 10800MHz                                 |              |
| 2. Bandwidth            | $F_c \pm 100\text{MHz}$ [10700~10900MHz] |              |
| 3. Insertion Loss in BW | 3.5dB $\pm$ 0.5dB Max.                   |              |
| 4. Ripple in BW         | 1.0dB Max.                               |              |
| 5. VSWR in BW           | 1.5:1 Max.                               | Ratio        |
| 6. Attenuation          | 40dB Min.@10600MHz                       |              |
|                         | 40dB Min.@11000MHz                       |              |
| 7. In/Out Impedance     | 50 $\Omega$                              |              |
| 8. Max Input Power      | 2W CW                                    |              |
| 9. Connector            | SMA(f)                                   |              |
| 10. Temperature Range   | -20°C ~ +80°C                            |              |
| 11. Dimension(WxDxH)    | 48.0x22.0x11.0 mm                        | Excluded T/S |
| 12. Finish              | Black epoxy coating                      |              |

Remarks: This is a preliminary datasheet for reference.

## ■ Simulation Curve

