

## **PRODUCT SPECIFICATION FOR INFORMATION**

PRELIMINARY SPECIFICATION

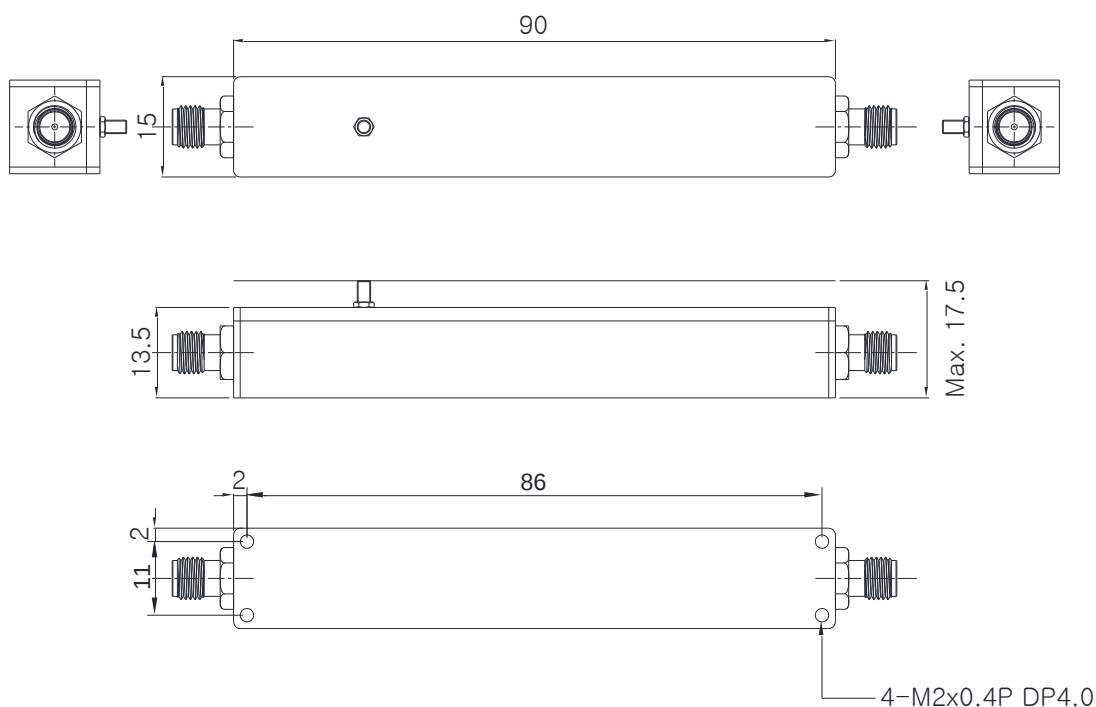
**Product Name: Band Pass Filter**

**Part No: MBP-C26250\_1.5GS-A-R0**

### ■ History List

| No. | Rev. No. | Description | Date       | Author     | Final Approver |
|-----|----------|-------------|------------|------------|----------------|
| 1   | R0       | Draft       | 2022.09.05 | Bryan Jeon | Michael Jeon   |
|     |          |             |            |            |                |
|     |          |             |            |            |                |
|     |          |             |            |            |                |

## ■ Mechanical Drawing



### Note

1. Connector: SMA(F)
2. Finish: Black Epoxy

## ■ Electrical Specification

| Parameter               | Specification                            | Remark |
|-------------------------|------------------------------------------|--------|
| 1. Center Frequency     | 26250MHz                                 |        |
| 2. Bandwidth            | $F_c \pm 750\text{MHz}$ [25500~27000MHz] |        |
| 3. Insertion Loss in BW | 1.0dB Max.                               |        |
| 4. Ripple in BW         | 0.5dB Max.                               |        |
| 5. Return Loss in BW    | 15dB Min.                                |        |
| 6. Attenuation          | 60dBc Min.@ 24000MHz                     |        |
|                         | 60dBc Min.@ 28000MHz                     |        |
| 7. In/Out Impedance     | 50Ω                                      |        |
| 8. Power Handling       | 10W                                      |        |
| 9. Connector            | SMA(f)                                   |        |
| 10.Dimension            | 90.0x15.0x13.5mm                         |        |
| 11. Temperature Range   | -0°C to +60°C                            |        |

Remarks: This is a preliminary datasheet for reference.

## Simulation Curve

