

## PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

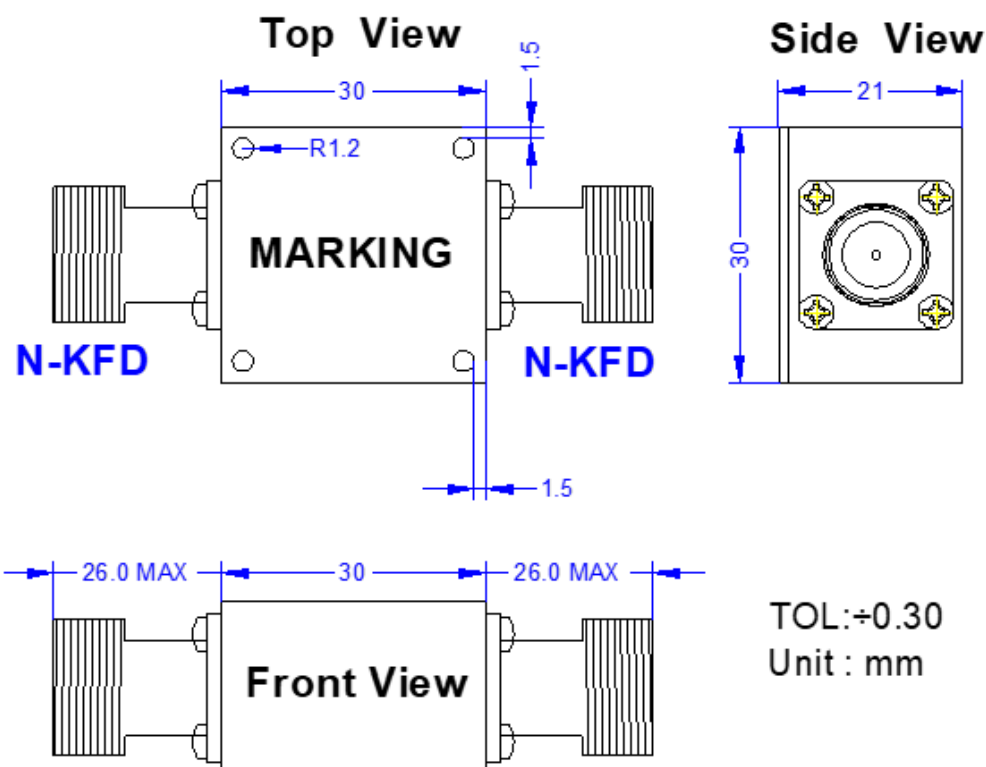
**Product Name : LC Band Pass Filter**

**Part No : MBP-C382\_5MN-A-R0**

### ■ History List

| No. | Rev. No. | Description | Date       | Author        | Final Approver |
|-----|----------|-------------|------------|---------------|----------------|
| 1   | R0       | Draft       | 2023.10.31 | Jeffrey Jeong | Michael Jeon   |
| 2   |          |             |            |               |                |
| 3   |          |             |            |               |                |
| 4   |          |             |            |               |                |
| 5   |          |             |            |               |                |
| 6   |          |             |            |               |                |

## ■ Mechanical Drawing



## ■ Electrical Specification

| Parameter                      | Specification            | Remark               |
|--------------------------------|--------------------------|----------------------|
| 1. Center Frequency            | 382.5MHz                 |                      |
| 2. 1dB Bandwidth               | 5MHz [ 380 ~ 385MHz ]    |                      |
| 3. Insertion Loss in BW        | 1.5dB Max.               |                      |
| 4. Ripple in BW                | ±0.5dB Max.              |                      |
| 5. Return Loss in BW           | 14dB Min.                |                      |
| 6. Attenuation[Absolute Value] | 55dB min @ 5MHz          |                      |
| 7. Power Handling              | 30dBm Max.               |                      |
| 8. In/output interface         | N Female                 |                      |
| 12. In/Out Impedance           | 50Ω                      |                      |
| 13. Temperature Range          | -30°C ~ +60°C            |                      |
| 14. Dimension[WxDxH]           | 30.0 X 30.0 X 21.0mm Max | Excluding connectors |

※It is subjected to change with prior notice.

## ■ Simulation Curve

