

## PRODUCT SPECIFICATION FOR INFORMATION

FINAL SPECIFICATION

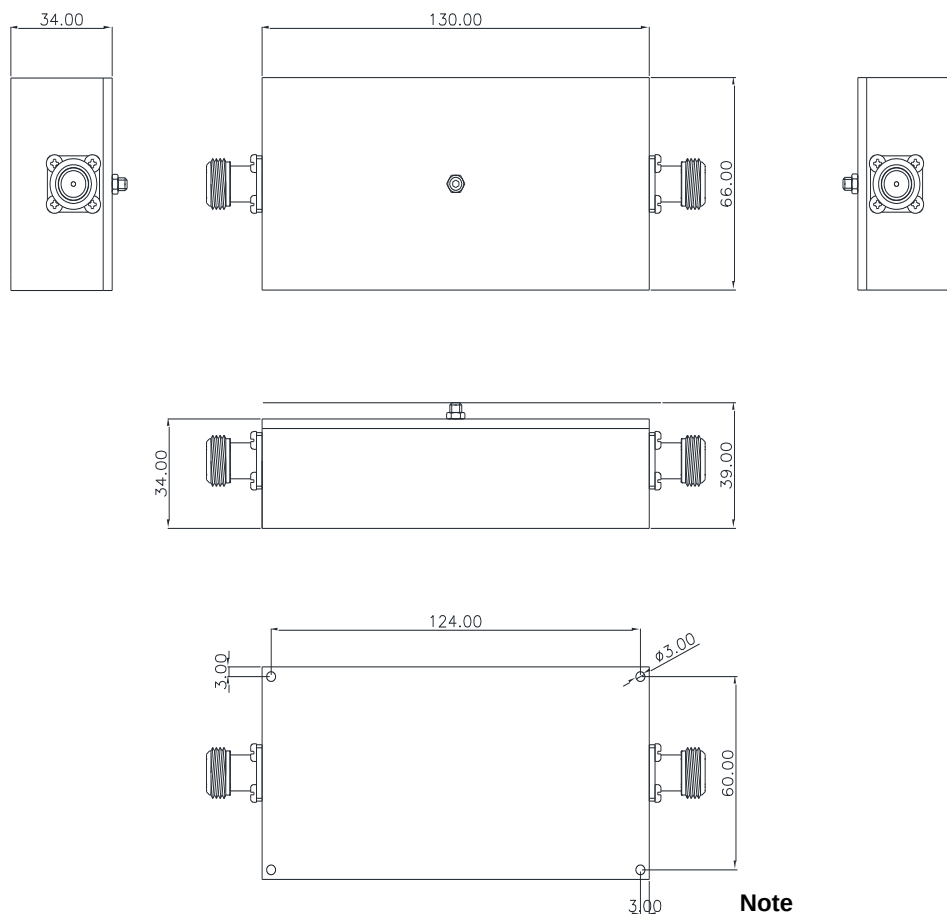
**Product Name : Band Pass Filter**

**Part No : MBP-C1214\_8MN-A-R0**

### ■ History List

| No. | Rev. No. | Description | Date       | Author     | Final Approver |
|-----|----------|-------------|------------|------------|----------------|
| 1   | R0       | Draft       | 2022.03.15 | Bryan Jeon | Michael Jeon   |
|     |          |             |            |            |                |
|     |          |             |            |            |                |
|     |          |             |            |            |                |

## ■ Mechanical Drawing



### Note

1. Connector : N-Type(F)
2. Finish : Epoxy Black

## ■ Electrical Specification

| Parameter                   | Specification                                 | Remark |
|-----------------------------|-----------------------------------------------|--------|
| 1. Pass Band Frequency      | 1210 ~ 1218MHz<br>(Fc± 4MHz)                  |        |
| 2. Pass Band Insertion Loss | 4.5 dB Max.                                   |        |
| 3. Pass Band Ripple         | 0.5 dB Max..                                  |        |
| 4. Pass Band Return Loss    | 15 dB Min.                                    |        |
| 5. Rejection                | 30dB Min@100~1206MHz<br>30dB Min@1224~1800MHz |        |
| 6. Power Handling           | 50W                                           |        |
| 7. Impedance                | 75Ω                                           |        |
| 8. Operation Temperature    | -40°C ~ +85°C                                 |        |
| 9. Dimensions               | 130 × 66 × 34 mm                              |        |

## Test Curve


 4/15/2022 3:45:31 AM  
 1311.6010K84-101715-ej

Trc1 — S21 dB Mag 10 dB/ Ref 0 dB Cal    Trc5 — S11 dB Mag 5 dB/ Ref 0 dB Cal  
 Trc6 — S22 dB Mag 5 dB/ Ref 0 dB Cal

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