

## PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

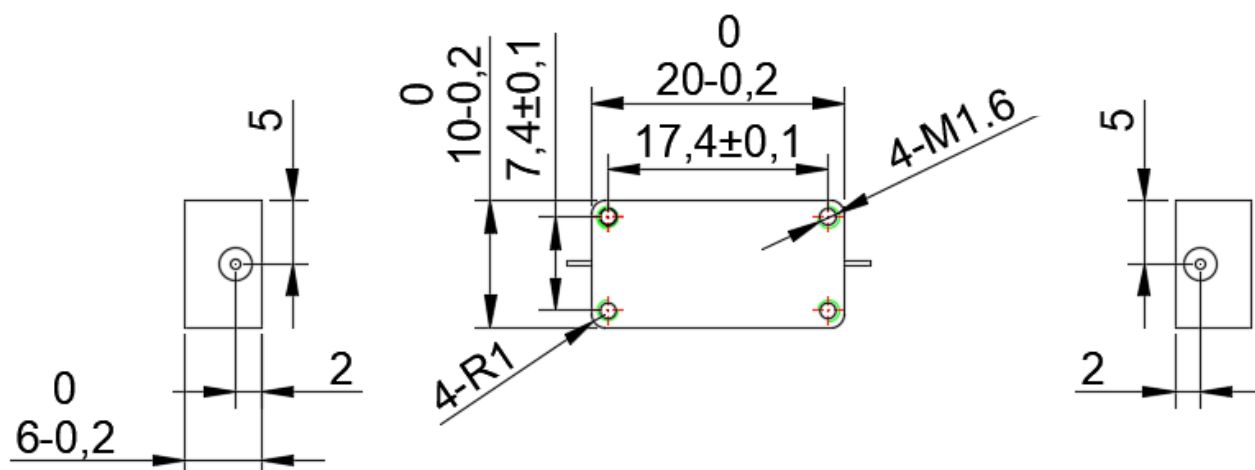
**Product Name : LC Band Pass Filter**

**Part No : MBP-C3750\_2000ML-A-R0**

### ■ History List

| No. | Rev. No. | Description | Date        | Author        | Final Approver |
|-----|----------|-------------|-------------|---------------|----------------|
| 1   | R0       | Draft       | 2024.04.29. | Jeffrey Jeong | Michael Jeon   |
| 2   |          |             |             |               |                |
| 3   |          |             |             |               |                |
| 4   |          |             |             |               |                |
| 5   |          |             |             |               |                |
| 6   |          |             |             |               |                |

## ■ Mechanical Drawing



## ■ Electrical Specification

| Parameter                      | Specification                                        | Remark |
|--------------------------------|------------------------------------------------------|--------|
| 1. Center Frequency            | 3750MHz                                              |        |
| 2. Bandwidth                   | 2000MHz [2750 ~ 4750MHz]                             |        |
| 3. Insertion Loss in BW        | 2.0dB Max.                                           |        |
| 4. V.S.W.R. in BW              | 1.5 : 1 Max                                          |        |
| 5. Attenuation[Absolute Value] | 60dB min @ DC ~ 2475MHz<br>60dB min @ 5225 ~ 8000MHz |        |
| 6. Power Handling              | 30dBm Max.                                           |        |
| 7. In/Out Impedance            | 50Ω                                                  |        |
| 8. Operating Temp Range        | -40°C ~ +85°C                                        |        |
| 9. Storage Temp Range          | -55°C ~ +85°C                                        |        |
| 10. Input/Output               | φ0.38mm PIN                                          |        |
| 11. Finish                     | Silver Plating                                       |        |
| 12. Dimension[WxDxH]           | 20.0 X 10.0 X 6.0mm ±0.2 Max                         |        |

※It is subjected to change with prior notice.