

## PRODUCT SPECIFICATION FOR INFORMATION

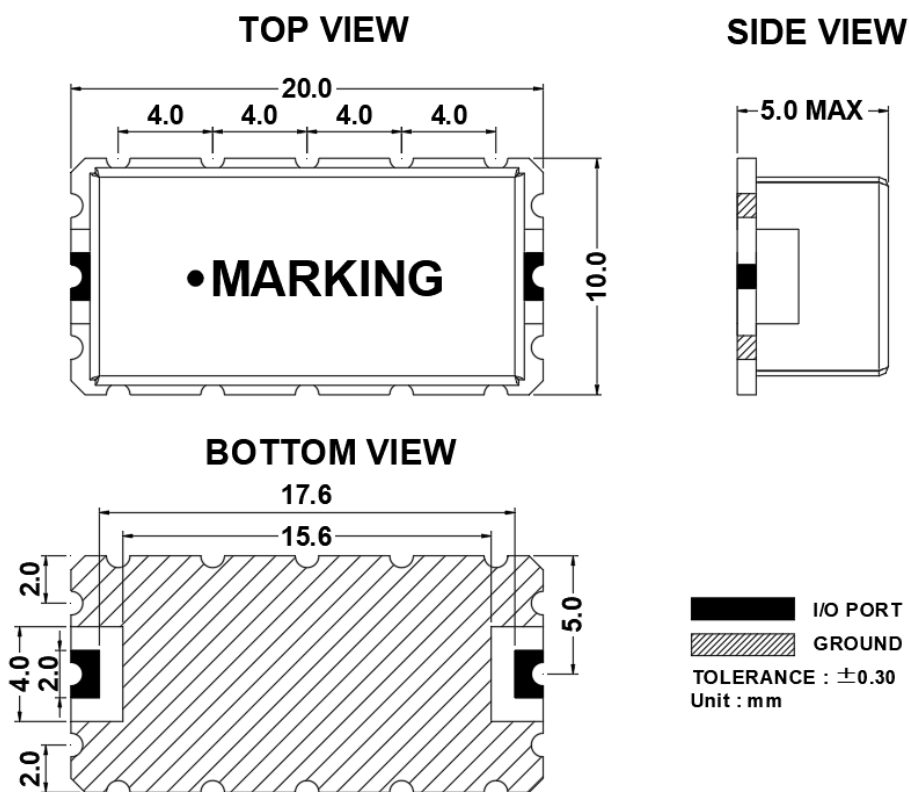
PRELIMINARY SPECIFICATION

**Product Name : LC Band Pass Filter**

**Part No : MBP-C350\_500ML-A-R0**

|   | Rev. No. | Description | Date       | Author        | Final Approver |
|---|----------|-------------|------------|---------------|----------------|
| 1 | R0       | Draft       | 2026.01.20 | Jeffrey Chung | Michael Jeon   |
|   |          |             |            |               |                |
|   |          |             |            |               |                |
|   |          |             |            |               |                |

## ■ Mechanical Drawing



## ■ Electrical Specification

| Parameter               | Specification                    | Remark |
|-------------------------|----------------------------------|--------|
| 1. Center Frequency     | 350MHz                           |        |
| 2. Bandwidth [BW]       | 500MHz [ 100 ~ 600MHz ]          |        |
| 3. Insertion Loss in BW | 2.0dB Max                        |        |
| 4. Ripple in BW         | 1.5dB Max.                       |        |
| 4. Return Loss          | 14.0dB min                       |        |
| 5. Rejections           | 50dB Min @ DC~50MHz              |        |
|                         | 50dB Min @ 680 ~ 2000MHz         |        |
|                         | 30dB Min @ 2000 ~ 4200MHz        |        |
| 6. Impedance            | 50Ohm                            |        |
| 7. Operating Temp Range | -40°C ~ +85°C                    |        |
| 8. Size (W × D × H)     | 20.0 x 10.0 x 5.0mm $\pm 0.3$ mm |        |

Remarks: This is a preliminary datasheet for reference.

## ■ Simulation Data

