

## PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

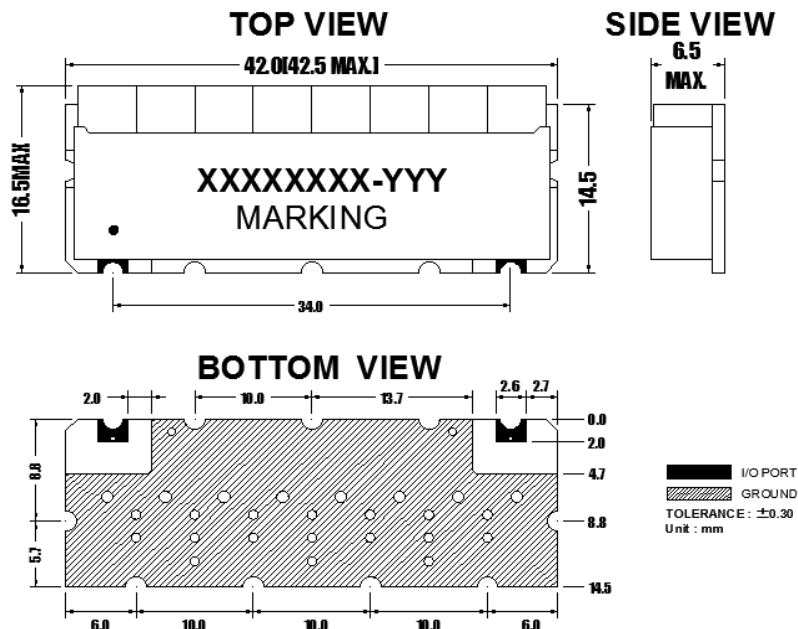
**Product Name : Ceramic Band Pass Filter**

**Part No : MBP-C805\_190MC-A-R0**

### ■ History List

| No. | Rev. No. | Description | Date        | Author        | Final Approver |
|-----|----------|-------------|-------------|---------------|----------------|
| 1   | R0       | Draft       | 2024.01.03. | Jeffrey Jeong | Michael Jeon   |
| 2   |          |             |             |               |                |
| 3   |          |             |             |               |                |
| 4   |          |             |             |               |                |
| 5   |          |             |             |               |                |
| 6   |          |             |             |               |                |

## ■ Mechanical Drawing



## ■ Electrical Specification

| Parameter                      | Specification                                                                          | Remark |
|--------------------------------|----------------------------------------------------------------------------------------|--------|
| 1. Center Frequency            | 805MHz                                                                                 |        |
| 2. 1dB Bandwidth               | 190MHz [ 710 ~ 900MHz ]                                                                |        |
| 3. Insertion Loss in BW        | 2.0dB Max.                                                                             |        |
| 4. Ripple in BW                | 1.0dB Max.                                                                             |        |
| 7. V.S.W.R.                    | 1.5 : 1 Max                                                                            |        |
| 8. Attenuation[Relative Value] | 110dBc min @ 477MHz<br>40dBc min @ 600MHz<br>37dBc min @ 955MHz<br>70dBc min @ 1200MHz |        |
| 10. Power Handling Avg, Peak   | 30dBm Max.                                                                             |        |
| 12. In/Out Impedance           | 50Ω                                                                                    |        |
| 13. Temperature Range          | -40°C ~ +85°C                                                                          |        |
| 14. Dimension[WxDxH]           | 42.0 X 14.5 X 6.5mm Max                                                                |        |

※It is subjected to change with prior notice.

## ■ Simulation Curve

