

## PRODUCT SPECIFICATION FOR INFORMATION

Final Specification

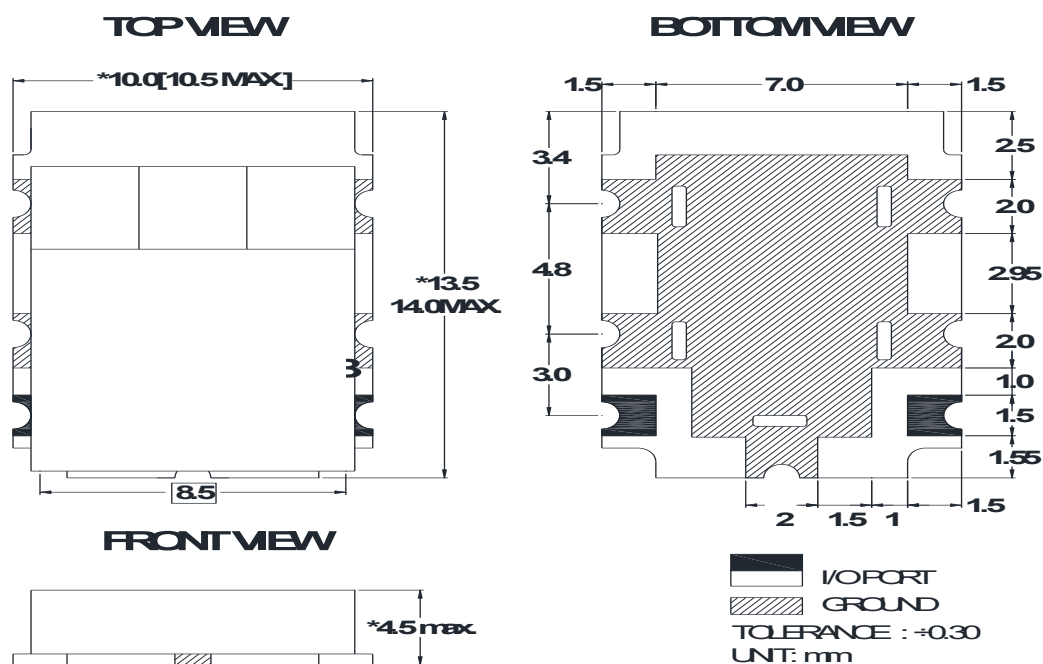
**Product Name : Ceramic Band Pass Filter**

**Part No : MBP-C1842.5\_75MC-A-R0**

### ■ History List

| No. | Rev. No. | Description | Date        | Author        | Final Approver |
|-----|----------|-------------|-------------|---------------|----------------|
| 1   | R0       | Draft       | 2025.12.19. | Jeffrey Jeong | Michael Jeon   |
| 2   |          |             |             |               |                |
| 3   |          |             |             |               |                |
| 4   |          |             |             |               |                |
| 5   |          |             |             |               |                |
| 6   |          |             |             |               |                |

## ■ Mechanical Drawing



## ■ Electrical Specification

| Parameter                      | Specification                                       | Remark |
|--------------------------------|-----------------------------------------------------|--------|
| 1. Center Frequency            | 1842.5MHz                                           |        |
| 2. Bandwidth                   | 75MHz [ 1805 ~ 1880MHz]                             |        |
| 3. Insertion Loss in BW        | 1.6dB Max.                                          |        |
| 4. Ripple in BW                | 1.0dB Max                                           |        |
| 5. Return Loss in BW           | 15dB Min.                                           |        |
| 6. Attenuation[Absolute Value] | 40dB min @ 880 ~ 960MHz<br>5dB min @ 1920 ~ 2170MHz |        |
| 7. Power Handling              | 35dBm Max                                           |        |
| 8. In/Out Impedance            | 50Ω                                                 |        |
| 9. Operating Temp Range        | -40°C ~ +85°C                                       |        |
| 10. Dimension[WxDxH]           | 10.0 X 13.5 X 4.5mm ±0.3 Max                        |        |

## ■ Test Curve

