

## **PRODUCT SPECIFICATION FOR INFORMATION**

PRELIMINARY SPECIFICATION

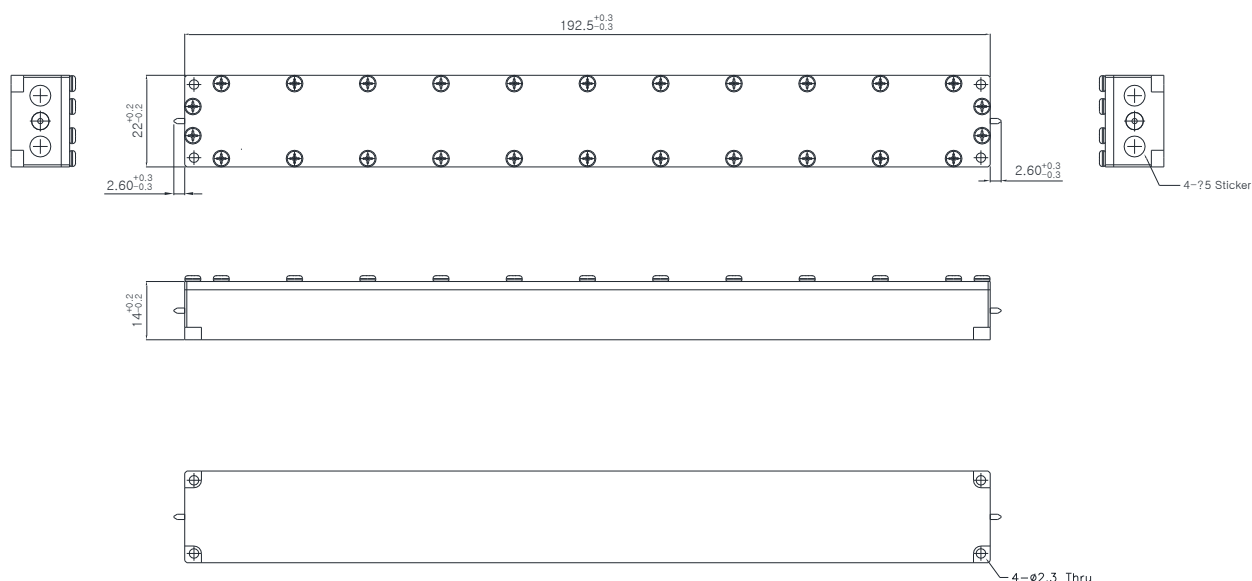
**Product Name: Low Pass Filter**

**Part No: MLP-C540\_920MH-A-R0**

### ■ History List

| No. | Rev. No. | Description | Date       | Author     | Final Approver |
|-----|----------|-------------|------------|------------|----------------|
| 1   | R0       | Draft       | 2022.11.16 | Bryan Jeon | Michael Jeon   |
|     |          |             |            |            |                |
|     |          |             |            |            |                |
|     |          |             |            |            |                |

## ■ Mechanical Drawing



### Note

1. Connector: Drop-in Type.
2. Finish: Silver Plated.

## ■ Electrical Specification

| Parameter              | Specification          | Remark |
|------------------------|------------------------|--------|
| 1. Pass Band Frequency | 80-1000MHz             |        |
| 2. Insertion Loss      | 0.5dB Max.             |        |
| 3. Return Loss         | 18.0dB Min.            |        |
| 4. Attenuation         | 40dB min@1.2GHz        |        |
|                        | 60dB min@1.5~1.6GHz    |        |
| 5. In/Out Impedance    | 50Ω                    |        |
| 6. Power Handling      | 60W at VSWR 3:1        |        |
| 7. Size                | 192.5 x 22.0 x 14.0 mm |        |
| 8. Temperature Range   | -40°C to +85°C         |        |

Remarks: This is a preliminary datasheet for reference.

## ■ Simulation Curve

