

PRELIMINARY SPECIFICATION

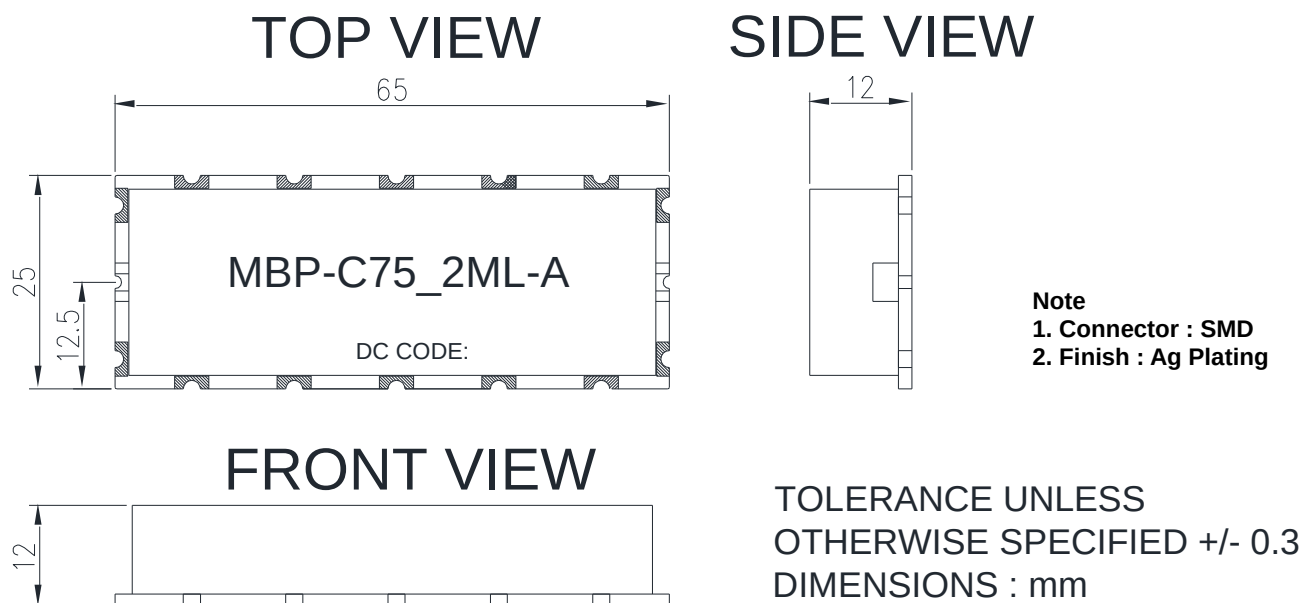
**Product Name : LC Band Pass Filter**

**Part No : MBP-C75-2ML-A**

| . | Rev. No. | Description            | Date       | Author     | Final Approver |
|---|----------|------------------------|------------|------------|----------------|
| 1 | A        | First                  | 2020.07.07 | Bryan Jeon | Michael Jeon   |
| 2 | -        | Added PCB Land Pattern | 2020.12.17 | Bryan Jeon | Michael Jeon   |
|   |          |                        |            |            |                |
|   |          |                        |            |            |                |

## PRODUCT SPECIFICATION FOR INFORMATION

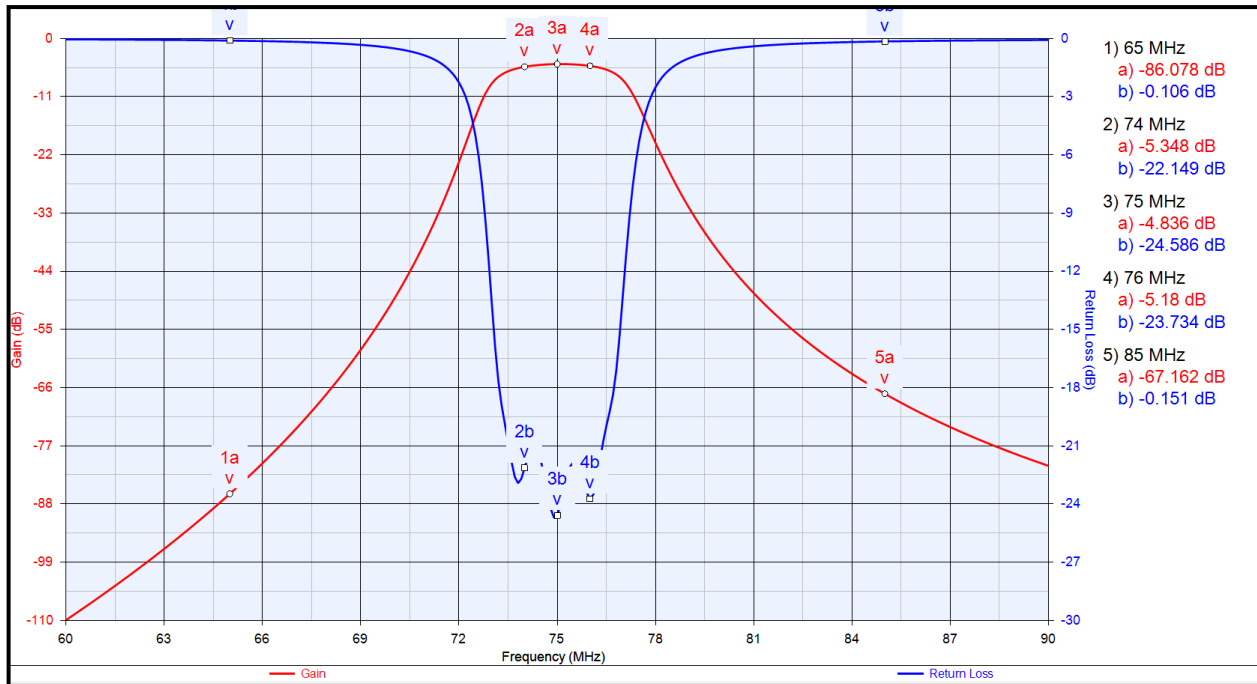
### ■ Mechanical Drawing



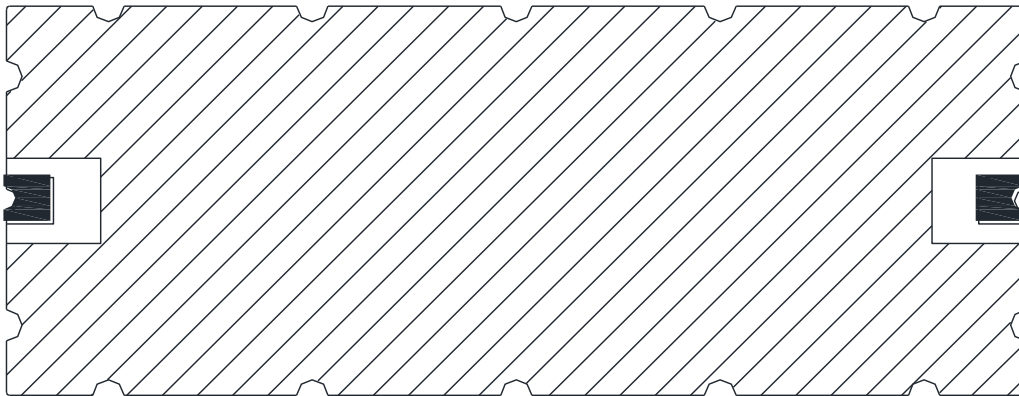
### ■ Electrical Specification

| Parameter                 | Specification      | Remark |
|---------------------------|--------------------|--------|
| 1. Frequency Range        | 74 ~ 76MHz         |        |
| 2. Center Frequency       | 75MHz              |        |
| 3. Insertion Loss         | 6.0dB Max.         |        |
| 4. Return Loss            | 15dB Min.          |        |
| 5. Attenuation (65MHz)    | 50dB Min.          |        |
| 6. Attenuation (85MHz)    | 50dB Min.          |        |
| 7. Size (W x D xH)        | 65.0 x 25.0 x 12.0 | mm     |
| 8. Input RF Power         | 2W Avg.            | CW     |
| 9. Impedance              | 50Ω                |        |
| 10. Operating Temperature | -40 + 85℃          |        |

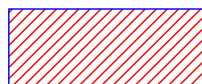
## ■ Simulation Curve



## ■ RECOMMENDED PC BOARD PATTERN



**IN/OUT SOLDERING POINT**



**GROUND SOLDERING POINT**

Remarks: Recommend using silver-containing solder paste