

# Technical proposal for JX-HPF1-6G24G-60SF Highpass Filter

- ◆ High Performance
- ◆ High Reliability

## Revision History

| Version | Date       | Author | Revision description | Comment |
|---------|------------|--------|----------------------|---------|
| V1.0    | 2022/10/21 | Vivian | Created              | /       |
|         |            |        |                      |         |
|         |            |        |                      |         |

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## 1. Mechanical layout

Table 1 Mechanical specifications

|                |  |
|----------------|--|
| Dimensions     | L x W x H: 35.0 x 22.0 x 10.0 mm<br>( Not including the tuning screws and connectors ) |
| Connector Type | SMA-female   |
| Surface Finish | Black Painting   |
| Notes          | Material shall be RoHS 6/6   |

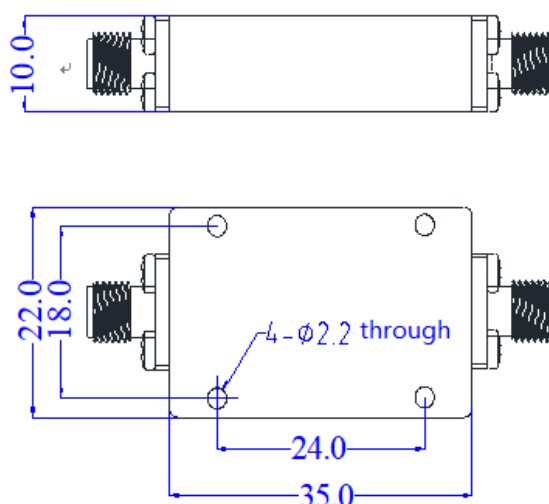


Figure 1 JX-HPF1-6G24G-60SF front panel layout

## 2. Electrical specification

Table 2 Electrical specifications

| Item | Parameter               | Specifications             |
|------|-------------------------|----------------------------|
| 1    | Pass Band               | 6000-24000MHz              |
| 2    | Rejection               | ≥60dB@DC-5400MHz           |
| 3    | Insertion loss          | ≤2.0dB                     |
| 4    | VSWR                    | ≤1.8                       |
| 5    | Average Power           | ≤15W                       |
| 6    | Impedance               | 50Ω                        |
| 7    | Operational Temperature | Values at Room Temperature |
| 8    | Storage Temperature     | -40°C to +85°C             |

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