

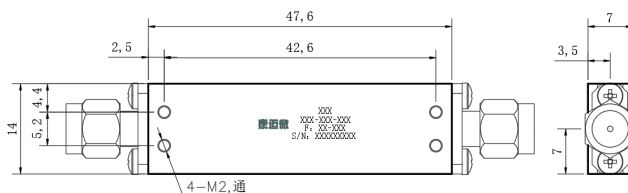
## Main specifications

| Parameters    | Frequency | /          | Min | Typical | Max  | Units |
|---------------|-----------|------------|-----|---------|------|-------|
| Passband      | /         | /          | 20  | ~       | 21.2 | GHz   |
| Passband IL   | /         | /          |     |         | 2    | dB    |
| Rejection     | DC-19.05  | GHz $\geq$ | 70  |         |      | dB    |
| Rejection     | 22-40     | GHz $\geq$ | 65  |         |      | dB    |
| Passband VSWR | /         | /          |     |         | 1.35 |       |

## Reference picture



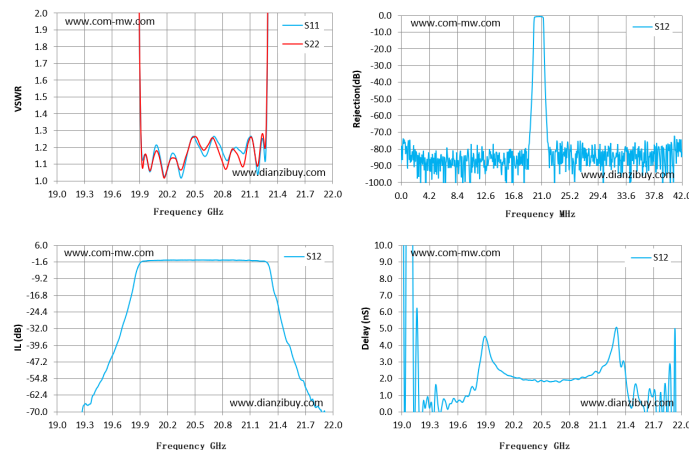
## Configuration(mm)



## Other parameters

|                        |                            |
|------------------------|----------------------------|
| Connector              | SMA-J可拆 0.38mm针            |
| Connector material     | Stainless steel            |
| Impedance              | 50 $\Omega$                |
| Surface                | Silver plating             |
| Power                  | 5W Design assurance        |
| Product shell material | Aluminium                  |
| Work Temp.             | -40~+70°C Design assurance |

## Typical test curve



## Note

- Please do not wash the product in the cleaning solution.,Please do not wash the product in the cleaning solution.
- If the temperature is higher than 125°C, consult with us before ordering.

## Typical test data

| Frequency GHz | S11<br>VSW<br>R | S22<br>VSW<br>R | S12<br>IL<br>(dB) | S12<br>Delay<br>(ns) |
|---------------|-----------------|-----------------|-------------------|----------------------|
| 19            | 57.66           | 58.22           | -73.6<br>9        | 20.39                |
| 19.21         | 56.92           | 57.06           | -72.9<br>5        | -1.22                |
| 19.43         | 63.03           | 49.06           | -59.3<br>9        | 0.34                 |
| 19.64         | 51.24           | 42.49           | -40.3<br>9        | 0.61                 |
| 19.86         | 6.74            | 6.54            | -6.72             | 3.72                 |
| 20.07         | 1.2             | 1.17            | -0.86             | 2.46                 |
| 20.29         | 1.15            | 1.13            | -0.76             | 1.97                 |
| 20.5          | 1.26            | 1.26            | -0.73             | 1.9                  |
| 20.71         | 1.26            | 1.25            | -0.72             | 1.85                 |
| 20.93         | 1.19            | 1.18            | -0.75             | 2.08                 |
| 21.14         | 1.22            | 1.22            | -1                | 2.6                  |
| 21.36         | 14.22           | 14.03           | -15.0<br>2        | 2.75                 |
| 21.57         | 79.26           | 51.17           | -45.6<br>4        | 0.49                 |
| 21.79         | 84.21           | 110.8<br>8      | -65.1<br>5        | 0.3                  |
| 22            | 74.33           | 95.85           | -71.9<br>9        | -9.28                |

Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.