

## Product features

Small size, high cost-effectiveness.

## Main specifications

| Parameters    | Frequency | /          | Min | Typical | Max | Units |
|---------------|-----------|------------|-----|---------|-----|-------|
| Passband      | /         | /          | DC  | ~       | 700 | MHz   |
| Passband IL   | /         | /          |     |         | 1   | dB    |
| Rejection     | 1000-1300 | MHz $\geq$ | 55  |         |     | dB    |
| Rejection     | 1300-2000 | MHz $\geq$ | 65  |         |     | dB    |
| Passband VSWR | /         | /          |     |         | 1.5 |       |

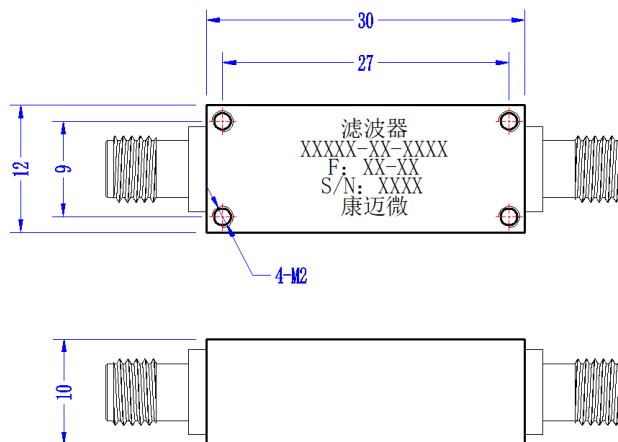
## Reference picture



## Other parameters

| Connector              | SMA-K                      |
|------------------------|----------------------------|
| Connector material     | Stainless steel            |
| Impedance              | 50 $\Omega$                |
| Surface                | White                      |
| Power                  | 2W                         |
| Product shell material | Copper                     |
| Work Temp.             | -40~+85°C Design assurance |

## Configuration(mm)



## Functional diagram

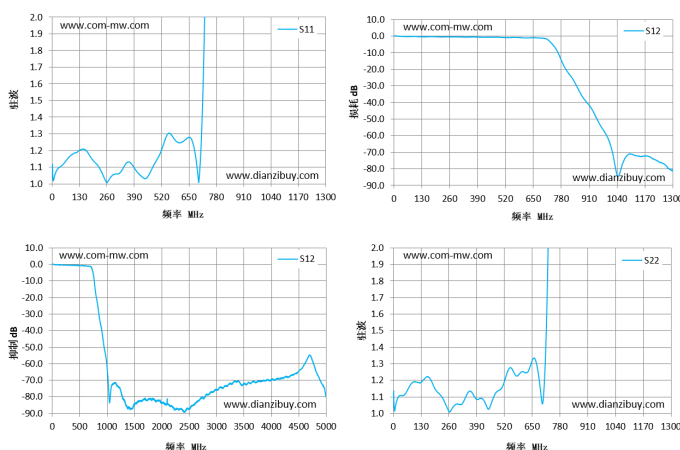


Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

## Typical test data

| Frequency(MHz) | S11<br>VSWR | S12<br>Rej. | S12<br>IL dB | S22<br>VSWR |
|----------------|-------------|-------------|--------------|-------------|
| 0.01           | 1.06        | 0.08        | 0.1          | 1.09        |
| 93             | 1.17        | -0.27       | -0.29        | 1.19        |
| 186            | 1.16        | -0.45       | -0.41        | 1.18        |
| 279            | 1.04        | -0.56       | -0.57        | 1.03        |
| 371            | 1.13        | -0.63       | -0.63        | 1.12        |
| 464            | 1.06        | -0.79       | -0.77        | 1.07        |
| 557            | 1.3         | -0.88       | -0.89        | 1.27        |
| 650            | 1.28        | -1.24       | -1.1         | 1.31        |
| 743            | 4.28        | -5.19       | -5.45        | 4.39        |
| 836            | 26.64       | -26.6<br>5  | -26.2<br>7   | 253.7       |
| 929            | 14.72       | -46.1<br>6  | -45.2<br>8   | 122.3<br>2  |
| 1021           | 12.17       | -71.6<br>7  | -70.9<br>5   | 25.9        |
| 1114           | 12.88       | -72.2<br>3  | -71.4<br>9   | 20.84       |
| 1207           | 16.6        | -74.3       | -74.0<br>8   | 22.74       |
| 1300           | 12.91       | -81.6<br>1  | -81.2<br>1   | 11.22       |

## Typical test curve



## Note

|   |                                                                                                                   |
|---|-------------------------------------------------------------------------------------------------------------------|
| 1 | Please do not wash the product in the cleaning solution.,Please do not wash the product in the cleaning solution. |
| 2 | If the temperature is higher than 125°C, consult with us before ordering.                                         |