

## Main specifications

| Parameters | Min | Typical | Max | Units |
|------------|-----|---------|-----|-------|
| Frequency  | 0   | ~       | 18  | GHz   |
| VSWR       |     |         | 1.2 |       |

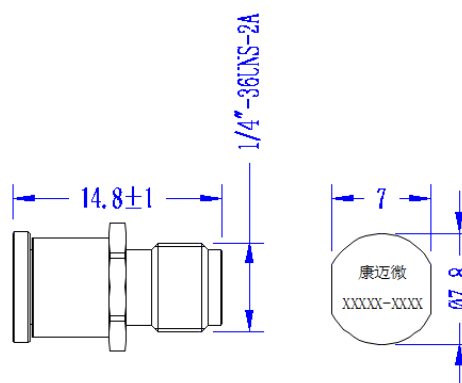
## Other parameters

|                        |                                                       |
|------------------------|-------------------------------------------------------|
| Power Capacity         | 2W Design assurance                                   |
| Peak power             | 100W design guarantee, duty cycle 1%, pulse width 1us |
| Impedance              | 50Ω                                                   |
| Connector              | SMA-F or K                                            |
| Connector material     | Stainless steel 303                                   |
| Product shell material | Stainless steel 303                                   |
| Operation Temp.        | -55~+125°C Design assurance                           |
| Storage Temp.          | -55~+125°C Design assurance                           |
| Weight                 | 3g                                                    |
| ROHS                   | Compliant Available                                   |
| Other                  | Wide temperature range, high reliability              |

## Reference picture



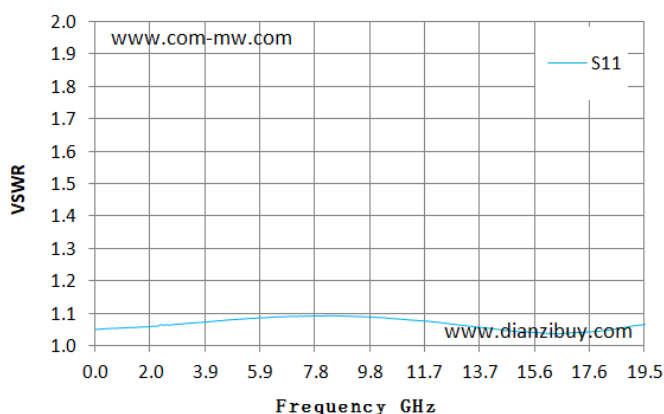
## Configuration(mm)



## Note

When installing the load, it is necessary to consider sufficient heat dissipation space and not install it next to equipment with high heat output.

## Typical test curve

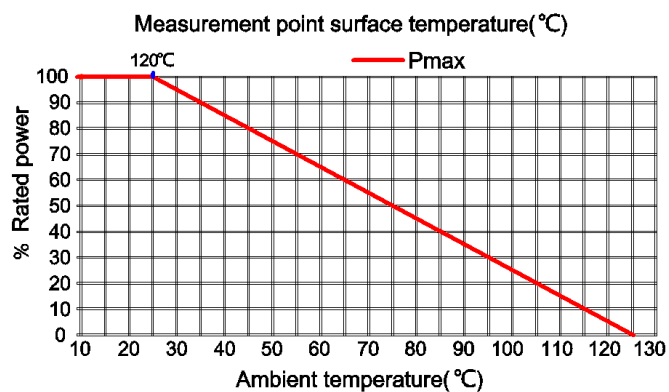


## Typical test data

| No. | Frequency GHz | S11 VSWR |
|-----|---------------|----------|
| 1   | 0.01          | 1.05     |
| 2   | 1.40          | 1.06     |
| 3   | 2.79          | 1.06     |
| 4   | 4.19          | 1.07     |
| 5   | 5.58          | 1.08     |
| 6   | 6.97          | 1.09     |
| 7   | 8.36          | 1.09     |
| 8   | 9.76          | 1.09     |
| 9   | 11.15         | 1.08     |
| 10  | 12.54         | 1.07     |
| 11  | 13.93         | 1.05     |
| 12  | 15.32         | 1.04     |
| 13  | 16.72         | 1.04     |
| 14  | 18.11         | 1.04     |
| 15  | 19.50         | 1.06     |

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

## Power Derating Curve



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