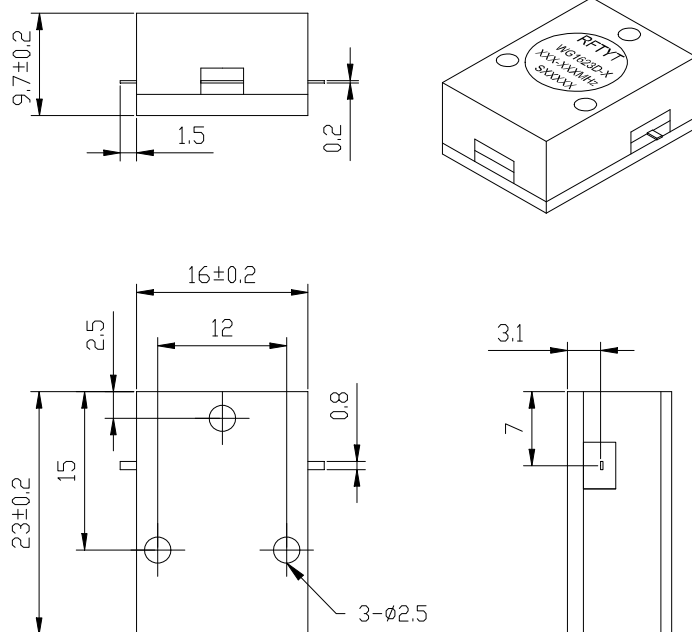




## 5.0 to 7.3GHz Drop in Isolator

### WG1623D Drop-In Type

#### Outline Drawing (mm):



#### Features:

- ◇ Good temperature stability
- ◇ Withstand high power
- ◇ RoHS compliant
- ◇ Weight :  $\approx$  g

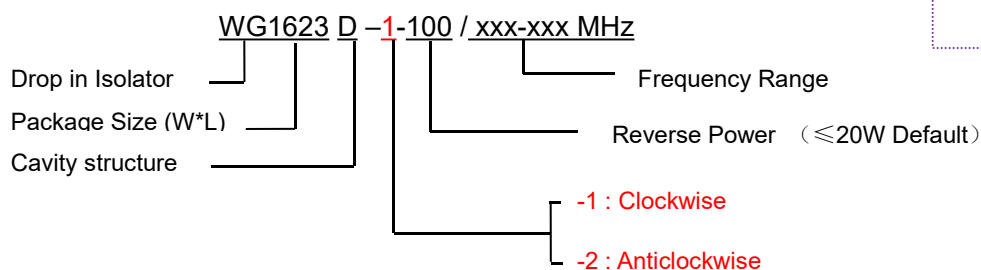
#### Material list:

- ◇ Cavity: aluminum conductive oxidation
- ◇ Outer shell: industrial pure iron nickel plating
- ◇ Guide body: Silver plated brass
- ◇ Load chamber: aluminum conductive oxidation

#### Application:

- ◇ Rf amplifier final stage, protect the amplifier
- ◇ Common transceiver antenna
- ◇ Used in civil, military, aerospace and other fields

#### Order Examples:



#### Basic Specifications:

|                     |                                           |
|---------------------|-------------------------------------------|
| Impedance           | 50 $\Omega$                               |
| Size(mm)            | 16.0*23.0*9.7                             |
| Operating Temp      | -30~+70 $^{\circ}C$ / -40~+85 $^{\circ}C$ |
| Storage temperature | -50~+90 $^{\circ}C$                       |



Specifications:

| Model No.<br>(X=1: →Clockwise)<br>(X=2: ←Anticlockwise) | Freq. Range<br>GHz | IL.<br>dB<br>(max) | Isolation<br>dB (min) | VSWR | Forward<br>Power<br>CW | Reverse<br>Power<br>W |
|---------------------------------------------------------|--------------------|--------------------|-----------------------|------|------------------------|-----------------------|
| WG1623D-X/5.0-6.0GHz                                    | 5.0-6.0            | 0.60               | 18.0                  | 1.30 | 30                     | 5                     |
| WG1623D-X/5.1-5.9GHz                                    | 5.1-5.9            | 0.50               | 18.0                  | 1.30 | 30                     | 5                     |
| WG1623D-X/5.15-5.875GHz                                 | 5.15-5.875         | 0.45               | 18.0                  | 1.30 | 30                     | 5                     |
| WG1623D-X/5.2-5.5GHz                                    | 5.2-5.5            | 0.40               | 20.0                  | 1.25 | 30                     | 5                     |
| WG1623D-X/5.25-5.85GHz                                  | 5.25-5.85          | 0.40               | 19.0                  | 1.25 | 30                     | 5                     |
| WG1623D-X/5.4-5.9GHz                                    | 5.4-5.9            | 0.40               | 20.0                  | 1.20 | 30                     | 5                     |
| WG1623D-X/5.6-7.0GHz                                    | 5.6-7.0            | 0.50               | 18.0                  | 1.30 | 30                     | 5                     |
| WG1623D-X/5.7-5.9GHz                                    | 5.7-5.9            | 0.30               | 23.0                  | 1.20 | 30                     | 5                     |
| WG1623D-X/5.725-5.875GHz                                | 5.725-5.875        | 0.30               | 23.0                  | 1.20 | 30                     | 5                     |
| WG1623D-X/5.8-6.5GHz                                    | 5.8-6.5            | 0.40               | 20.0                  | 1.25 | 30                     | 5                     |
| WG1623D-X/6.57-6.87GHz                                  | 6.57-6.87          | 0.30               | 20.0                  | 1.20 | 30                     | 5                     |
| WG1623D-X/6.7-7.1GHz                                    | 6.7-7.1            | 0.40               | 20.0                  | 1.20 | 30                     | 5                     |
| WG1623D-X/7.1-7.3GHz                                    | 7.1-7.3            | 0.30               | 23.0                  | 1.20 | 30                     | 5                     |

If the frequency range you need is not covered in the form.  
Please contact us for details.