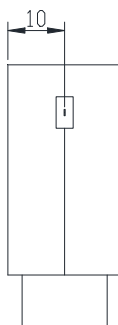
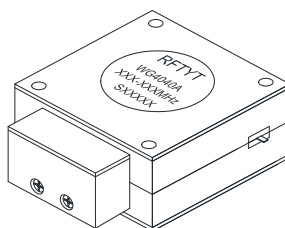
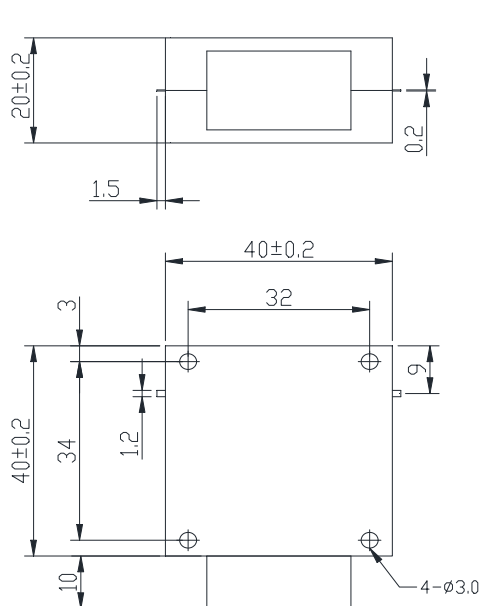
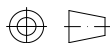




## 1.5 to 3.5GHz Drop in Isolator

WG4040A Microstrip line

Outline Drawing (mm):



### Features:

- ◇ Good temperature stability
- ◇ Withstand high power
- ◇ RoHS compliant
- ◇ Weight :  $\approx 190$  g

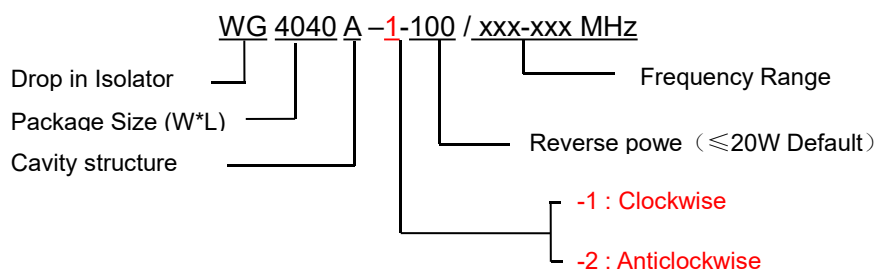
### Material list:

- ◇ Cavity: aluminum conductive oxidation
- ◇ Housing: Industrial pure iron nickel plated
- ◇ Conductor: silver plated brass
- ◇ Load chamber: aluminum conductive oxidation

### Application:

- ◇ Rf amplifier final stage, protect the amplifier
- ◇ Digital communication
- ◇ Satellite communication
- ◇ Mobile communication

### Order Examples:



### Basic Specifications:

|                     |                      |
|---------------------|----------------------|
| Impedance           | 50 $\Omega$          |
| Connection type     | Microstrip line      |
| Size(mm)            | 40.0*40.0*20.0       |
| Operating Temp      | -10~+60 $^{\circ}$ 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 |
|---------------------------------------------------------|--------------------|--------------------|-----------------------|------|------------------------|-----------------------|
| WG4040A-X/1.5-3.0GHz                                    | 1.5-3.0            | 0.70               | 17.0                  | 1.35 | 100                    | 20/100                |
| WG4040A-X/1.8-3.6GHz                                    | 1.8-3.6            | 0.70               | 17.0                  | 1.35 | 100                    | 20/100                |

## Instructions:

- 1, The isolator reflected power of 20W, can also be done according to customer requirements 100W;
- 2, Only some common frequencies in the table, can be produced according to user requirements;
- 3, Embedded isolator, please use stainless steel or brass screws when installing;
- 4, If you do not find the frequency you want, please contact us!