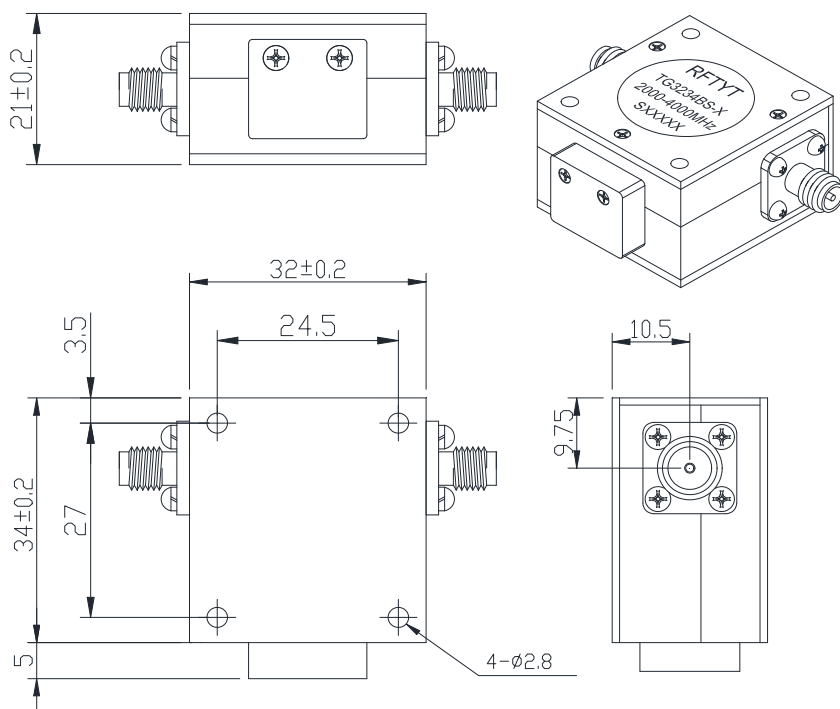
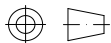


## 2.0 to 4.0GHz Coaxial Isolator

### TG3234BS SMA Type Through hole installation

#### Outline Drawing (mm):



#### Features:

- ✧ Good temperature stability
- ✧ Withstand high power
- ✧ RoHS compliant
- ✧ Weight :  $\approx 100$  g

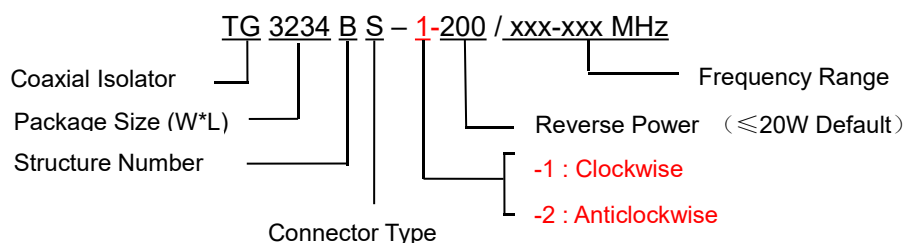
#### Material list:

- ✧ 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
- ✧ Medium capacity microwave Communication
- ✧ High capacity relay communication
- ✧ GSM/CDMA/TD-SCDMA/WCDMA  
EGSM/Wimax/TD-LTE/AMPS/SMR  
5G and other communication systems

#### Order Examples:



#### Connector Type:

| SMA Type Connector Options |        |              | N Type Connector Options |        |              |
|----------------------------|--------|--------------|--------------------------|--------|--------------|
| Port 1                     | Port 2 | Abbreviation | Port 1                   | Port 2 | Abbreviation |
| SMA-F                      | SMA-F  | S            | N-F                      | N-F    | N            |
| SMA-F                      | SMA-M  | SKJ          | N-F                      | N-M    | NKJ          |
| SMA-M                      | SMA-F  | SJK          | N-M                      | N-F    | NJK          |
| SMA-M                      | SMA-M  | SJ           | N-M                      | N-M    | NJ           |

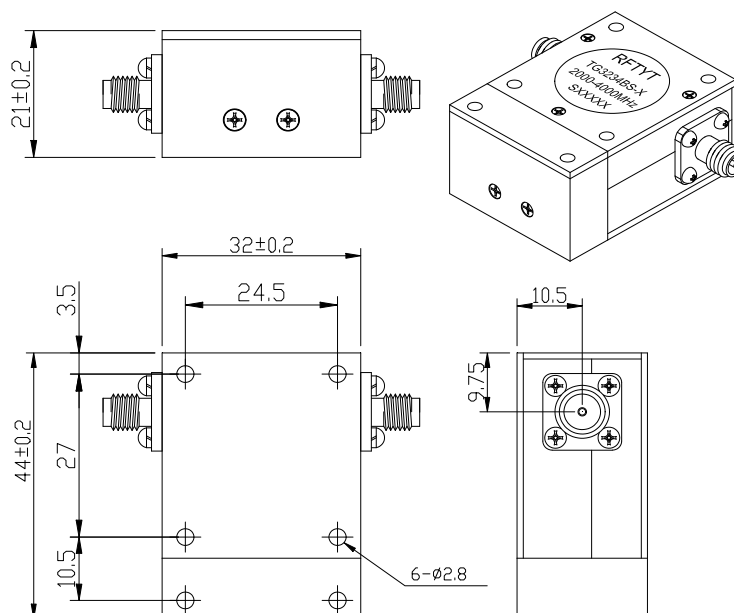
#### Basic Specifications:

|                     |                |
|---------------------|----------------|
| Impedance           | 50 $\Omega$    |
| Connector Type      | SMA-F          |
| Size(mm)            | 32.0*34.0*21.0 |
| Operating Temp      | -10~+60℃       |
| Storage temperature | -50~+90℃       |

### 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 |
|---------------------------------------------------------|--------------------|--------------------|-----------------------|------|------------------------|-----------------------|
| TG3234BS-X/2000-3000MHz                                 | 2.0-3.0            | 0.40               | 18.0                  | 1.30 | 100                    | 20/100                |
| TG3234BS-X/2000-3500MHz                                 | 2.0-3.5            | 0.40               | 18.0                  | 1.30 | 100                    | 20/100                |
| TG3234BS-X/2000-4000MHz                                 | 2.0-4.0            | 0.50               | 18.0                  | 1.30 | 100                    | 20/100                |
| TG3234BS-X/2500-3500MHz                                 | 2.5-3.5            | 0.40               | 20.0                  | 1.25 | 100                    | 20/100                |
| TG3234BS-X/2500-4000MHz                                 | 2.5-4.0            | 0.40               | 18.0                  | 1.30 | 100                    | 20/100                |

### Reverse power 100W size type



The reflected power of this figure is 100W, the indicators are the same as the table, model  
**TG3234BS-X-100/XXX-XXXMHz**

### Instructions:



- 
- 1, the isolator connector can be selected SMA, N, male and female head can be used with the user;
  - 2, the reflection power is commonly used 20W and 100W options, you can also configure the total reflection power according to user requirements;
  - 3, only some common frequencies in the table, can be produced according to the user's requirements;
  - 4, if you do not find what you are looking for, please contact us!