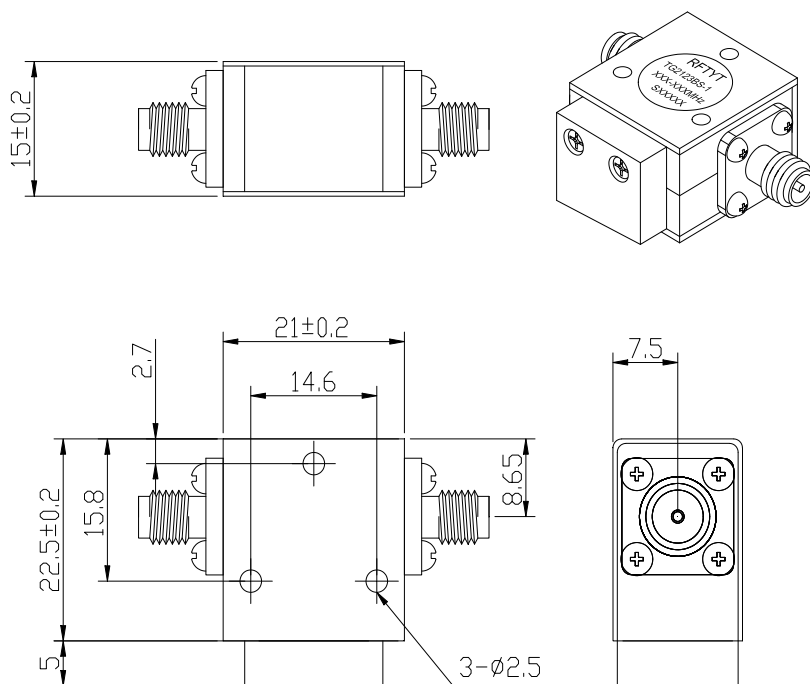




## 4.0 to 8.0GHz Coaxial Isolator

### TG2123BS SMA Type

#### Outline Drawing (mm):



#### Features:

- ◇ Good temperature stability
- ◇ Withstand high power
- ◇ RoHS compliant
- ◇ Weight :  $\approx 32$  g

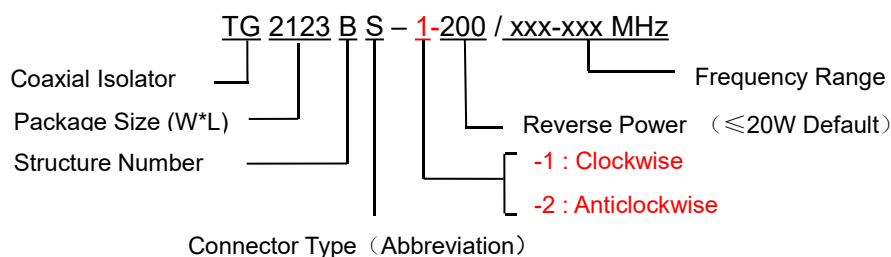
#### Material list:

- ◇ 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
- ◇ Digital communication
- ◇ Satellite communication
- ◇ Mobile communication

#### Order Examples:



#### Connector Type:

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

#### Basic Specifications:



|                     |                |
|---------------------|----------------|
| Impedance           | 50 $\Omega$    |
| Connector Type      | SMA-K          |
| Size(mm)            | 21.0*22.5*15.0 |
| Operating Temp      | -10~+60℃       |
| Storage temperature | -30~+70℃       |

#### Specifications:

| Model No.<br>(X=1: →Clockwise)<br>(X=2: ←Anticlockwise) | Freq.<br>Range<br>GHz | IL.<br>dB (max) | Isolation<br>dB (min) | VSWR | Forward<br>Power<br>CW | Reverse<br>Power<br>W |
|---------------------------------------------------------|-----------------------|-----------------|-----------------------|------|------------------------|-----------------------|
| TG2123BS-X/4.0-8.0 GHz                                  | 4.0-8.0               | 0.60            | 18.0                  | 1.30 | 100                    | 20                    |

#### Instructions:

- 1, The isolator connector can be selected SMA male and female head, through the wall connection can be used with the user;
- 2, Reflection power only 20W option;
- 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!