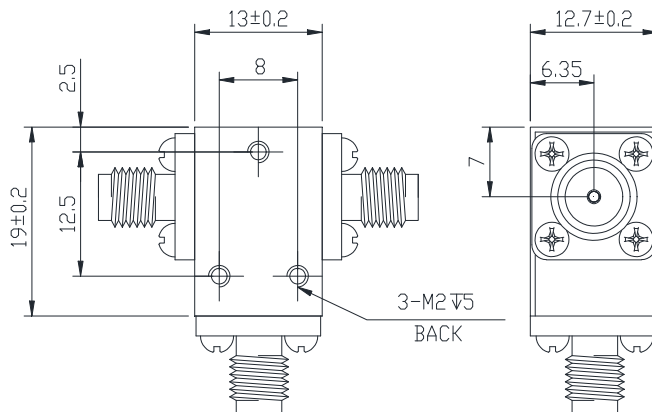
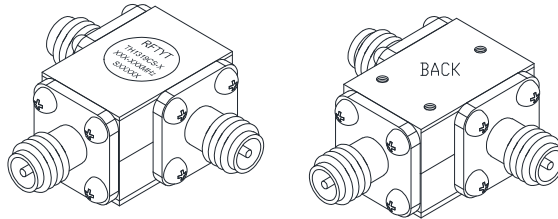
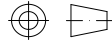


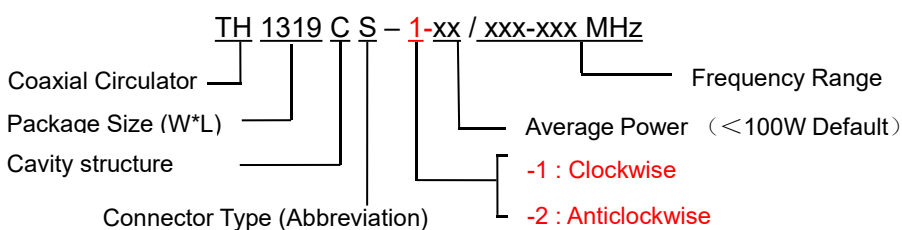
## 6.0 to 12.0GHz Coaxial Circulator

### TH1319CS SMA Type

Outline Drawing (mm):



Order Examples:



#### Features:

- ◇ Good temperature stability
- ◇ Withstand high power
- ◇ RoHS compliant
- ◇ Weight : ≈ 20 g

#### Material list:

- ◇ Cavity: aluminum conductive oxidation
- ◇ Housing: Industrial pure iron nickel plated
- ◇ Conductor: silver plated brass
- ◇ Connector housing: gold plated brass

#### Application:

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



Connector Type:

SMA Type Connector Options				N Type Connector Options			
Port 1	Port 2	Port 3	Abbreviation	Port 1	Port 2	Port 3	Abbreviation
K	K	K	S	K	K	K	N
K	J	J	SKJJ	K	J	J	NKJJ
J	K	J	SJKJ	J	K	J	NJKJ
K	K	J	SKKJ	K	K	J	NKKJ
J	J	J	SJ	J	J	J	NJ

### Basic Specifications :

Impedance	50 Ω
Connector Type	SMA-K
Size(mm)	13.0*19.0*12.7
Operating Temp	-10~+60 °C
Storage temperature	-50~+90 °C

### Specifications :

Model No. (X=1: →Clockwise) (X=2: ←Anticlockwise)	Freq. Range GHz	IL. dB (max)	Isolation dB (min)	VSWR (max)	Power W
TH1319CS-X/6.0-10.0GHz	6.0-10.0	0.6	15	1.45	30
TH1319CS-X/7.0-9.0GHz	7.0-9.0	0.4	20	1.25	30
TH1319CS-X/8.0-12.0GHz	8.0-12.0	0.5	18	1.35	30

### Instructions :

- 1, The circulator connector can be selected SMA, both male and female head, can be used with the user;
- 2, The circulator only provides through power, indicating that the transmission to the antenna and the antenna to the receiving are through power;
- 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!