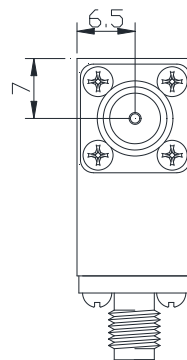
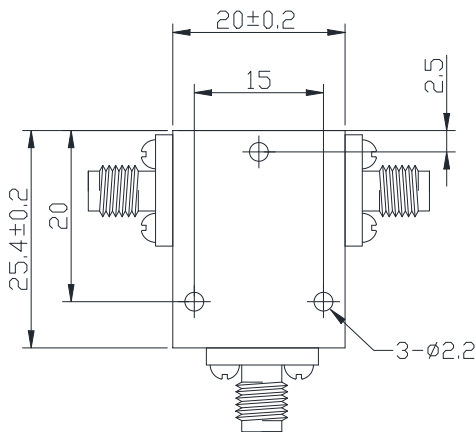
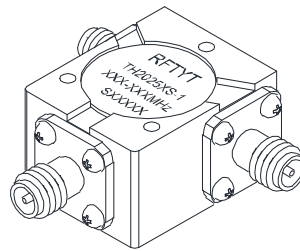
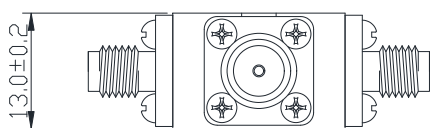
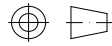


## 1700 to 5000MHz Coaxial Circulator

### TH2025XS SMA Type

Outline Drawing (mm):



#### Features:

- ◇ Good temperature stability
- ◇ Withstand high power
- ◇ RoHS compliant
- ◇ Weight :  $\approx 47$  g

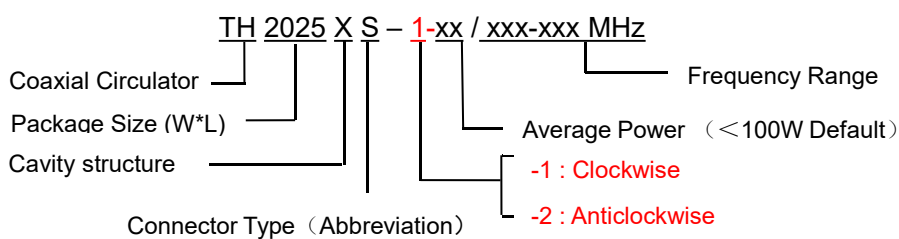
#### Material list:

- ◇ Shell: easy to cut iron plated nickel
- ◇ Inner conductor: silver plated brass
- ◇ Connector housing: gold plated brass

#### Application:

- ◇ Rf amplifier final stage, protect the amplifier
- ◇ Common transceiver antenna
- ◇ Satellite 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	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
Forward Power	100W
Connector Type	SMA-K
Size(mm)	20.0*25.4*13.0
Operating Temp	-30~+70℃
Storage temperature	-50~+90 ℃

### Specifications :

Model No. (x=1: →Clockwise) (x=2: ←Anticlockwise)	Freq. Range MHz	IL. dB (max)	Isolation dB (min)	VSWR (max)	POWER W
TH2025XS-X/1700-1900MHz	1700-1900	0.40	20.0	1.25	100
TH2025XS-X/1710-1880MHz	1710-1880	0.40	20.0	1.25	100
TH2025XS-X/1800-1900MHz	1800-1900	0.30	23.0	1.20	100
TH2025XS-X/1805-1880MHz	1805-1880	0.30	23.0	1.20	100
TH2025XS-X/1880-1900MHz	1880-1900	0.25	25.0	1.15	100
TH2025XS-X/1900-2000MHz	1900-2000	0.30	23.0	1.20	100
TH2025XS-X/1900-2200MHz	1900-2200	0.40	20.0	1.25	100
TH2025XS-X/2000-2400MHz	2000-2400	0.50	18.0	1.30	100
TH2025XS-X/2010-2100MHz	2010-2100	0.30	23.0	1.20	100
TH2025XS-X/2010-2300MHz	2010-2300	0.45	20.0	1.25	100
TH2025XS-X/2090-2310MHz	2090-2310	0.40	20.0	1.25	100
TH2025XS-X/2100-2170MHz	2100-2170	0.30	23.0	1.20	100
TH2025XS-X/2200-2300MHz	2200-2300	0.30	23.0	1.20	100
TH2025XS-X/2260-2293MHz	2260-2293	0.25	25.0	1.15	100
TH2025XS-X/2300-2500MHz	2300-2500	0.35	20.0	1.20	100
TH2025XS-X/2400-2500MHz	2400-2500	0.25	23.0	1.15	100
TH2025XS-X/2500-2700MHz	2500-2700	0.30	20.0	1.20	100
TH2025XS-X/2620-2690MHz	2620-2690	0.30	23.0	1.15	100
TH2025XS-X/2700-3100MHz	2700-3100	0.40	20.0	1.25	100



<b>Model No.</b> (X=1: →Clockwise) (X=2: ←Anticlockwise)	<b>Freq. Range</b> <b>MHz</b>	<b>IL.</b> <b>dB (max)</b>	<b>Isolation</b> <b>dB (min)</b>	<b>VSWR</b> <b>(max)</b>	<b>POWER</b> <b>W</b>
TH2025XS-X/2900-3100MHz	2900-3100	0.30	23.0	1.20	100
TH2025XS-X/3100-3400MHz	3100-3400	0.35	20.0	1.20	100
TH2025XS-X/3400-3600MHz	3400-3600	0.30	20.0	1.20	100
TH2025XS-X/3400-3700MHz	3400-3700	0.35	20.0	1.25	100
TH2025XS-X/3600-4000MHz	3600-4000	0.40	20.0	1.25	100
TH2025XS-X/3650-3750MHz	3650-3750	0.30	23.0	1.20	100
TH2025XS-X/3700-3800MHz	3700-3800	0.30	23.0	1.20	100
TH2025XS-X/3700-4200MHz	3700-4200	0.45	19.0	1.25	100
TH2025XS-X/3750-4250MHz	3750-4250	0.45	19.0	1.25	100
TH2025XS-X/3900-4200MHz	3900-4200	0.40	20.0	1.25	100
TH2025XS-X/4000-4500MHz	4000-4500	0.40	20.0	1.25	100
TH2025XS-X/4280-4320MHz	4280-4320	0.30	23.0	1.20	100
TH2025XS-X/4400-5000MHz	4400-5000	0.50	20.0	1.25	100
TH2025XS-X/4500-5000MHz	4500-5000	0.45	20.0	1.25	100
TH2025XS-X/4800-4900MHz	4800-4900	0.30	23.0	1.20	100
TH2025XS-X/4900-5000MHz	4900-5000	0.30	23.0	1.20	100
TH2025XS-X/5700-5900MHz	5700-5900	0.40	20.0	1.25	100

### Instructions:

- 1, The circulator connector can be selected SMA 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!