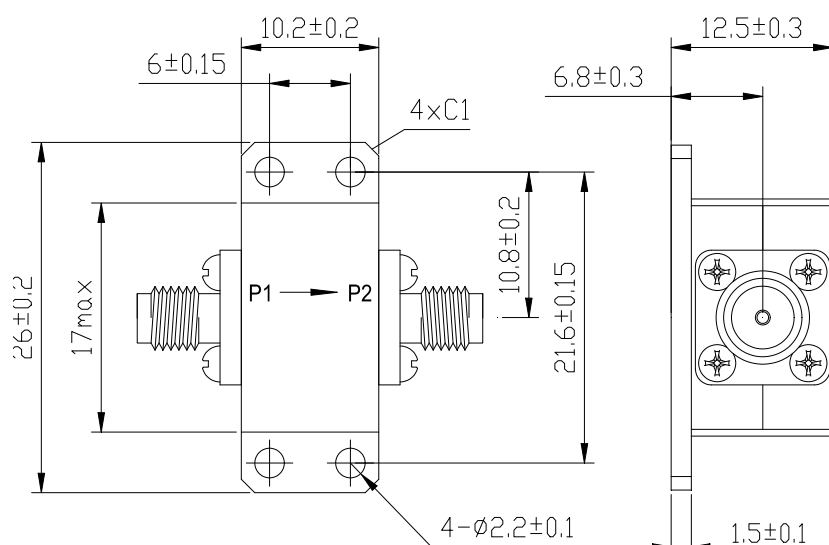
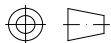


17.0 to 31.0GHz Coaxial Isolator

TG1017CG 2.92 Type

Outline Drawing (mm):



Features:

- ✧ Good temperature stability
- ✧ Withstand high power
- ✧ RoHS compliant
- ✧ Weight : ≈ 40 g

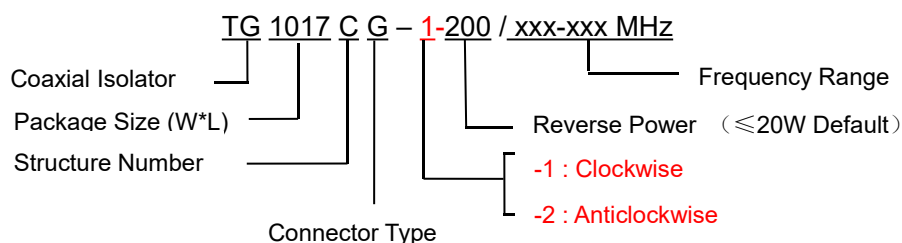
Material list:

- ✧ Cavity: aluminum conductive oxidation
- ✧ Outer shell: industrial pure iron nickel plating
- ✧ Guide body: Silver plated brass
- ✧ Flange: aluminum conductive oxidation

Application:

- ✧ Rf amplifier final stage, protect the amplifier
- ✧ Digital communication
- ✧ Satellite communication
- ✧ Radar

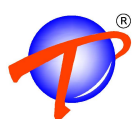
Order Examples:



Connector Type:

2.92 Type Connector Options			N Type Connector Options		
Port 1	Port 2	Abbreviation	Port 1	Port 2	Abbreviation
2.92-F	2.92-F	G	N-F	N-F	N
2.92-F	2.92-M	GKJ	N-F	N-M	NKJ
2.92-M	2.92-F	GJK	N-M	N-F	NJK
2.92-M	2.92-M	GJ	N-M	N-M	NJ

Basic Specifications:



Impedance	50 Ω
Connector Type	2.92-F
Size(mm)	10.2*16.0*12.5
Operating Temperature	-10~+60℃
Storage Temperature	-50~+90℃

Specifications:

Model No. (X=1: →Clockwise) (X=2: ←Anticlockwise)	Freq. Range GHz	IL. dB (max)	Isolation dB (min)	VSWR	Forward Power CW	Reverse Power W
TG1017CG-X/17.0-20.5GHz	17-20.5	0.7	20.0	1.30	10	2
TG1017CG-X/18.0-26.5GHz	18-26.5	0.9	20.0	1.30	10	2
TG1017CG-X/22.0-28.0GHz	22-28	1.2	20.0	1.30	5	1
TG1017CG-X/25.0-28.0GHz	25-28	1.0	20.0	1.30	5	1
TG1017CG-X/27.0-31.0GHz	27-31	1.0	20.0	1.30	5	1

Instructions:

- 1, the isolator connector can be selected SMA male and female head, through the wall connection can be used with the user;
- 2, the reflected power is only 10W 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!