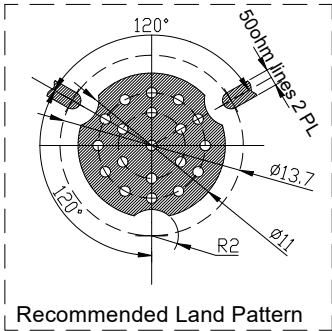
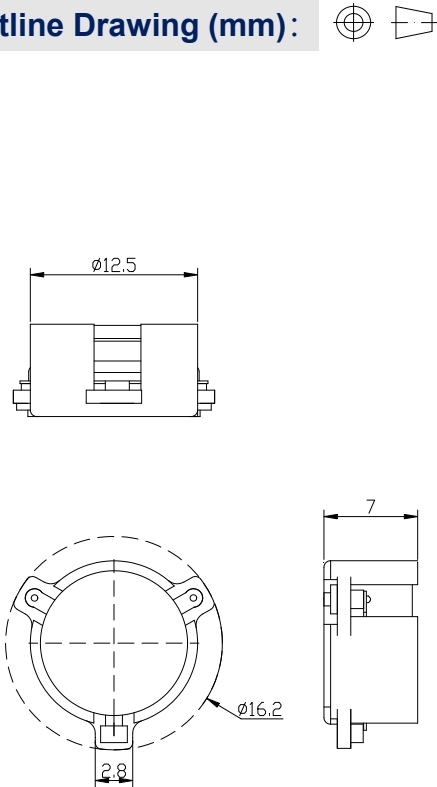




700 to 6000MHz Surface Mount Isolator

SMTG-D12.5 SMT Type

Outline Drawing (mm):



Features:

- Good temperature stability
- WiTGstand high power
- RoHS compliant
- Weight : $\approx 5\text{ g}$

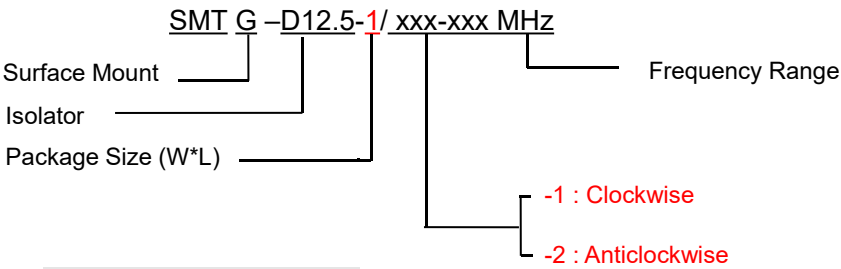
Material list:

- Shell: industrial pure iron silvered
- Inner conductor: silver plated brass
- Electrical resistance: Beryllium oxide or aluminum nitride

Application:

- Rf amplifier final stage, protect TGe amplifier
- Digital communication
- Satellite communication
- Mobile communication

Order Examples :



Basic Specifications :

Impedance	50 Ω
Size(mm)	$\Phi 12.5 \times 7.0$
Operating Temp	-40~+85 $^{\circ}\text{C}$
Storage temperature	-50~+90 $^{\circ}\text{C}$
ConnectorType	SMT



Specifications:

Model No. (X=1: →Clockwise) (X=2: ←Anticlockwise)	Freq. Range MHz	IL. dB (max)	Isolation dB (min)	VSWR	Forward Power CW	Reverse Power W
SMTG-D12.5- X /790-810MHz	790-810	0.4	20	1.25	30	10
SMTG-D12.5- X /800-830MHz	800-830	0.4	20	1.25	30	10
SMTG-D12.5- X /900-930MHz	900-930	0.4	20	1.25	30	10
SMTG-D12.5- X /930-960MHz	930-960	0.3	20	1.25	30	10
SMTG-D12.5- X /1420-1450MHz	1420-1450	0.4	20	1.25	30	10
SMTG-D12.5- X /1710-1785MHz	1710-1785	0.4	20	1.25	30	10
SMTG-D12.5- X /1805-1880MHz	1805-1880	0.4	20	1.25	30	10
SMTG-D12.5- X /1930-1990MHz	1930-1990	0.3	23	1.2	30	10
SMTG-D12.5- X /2110-2170MHz	2110-2170	0.3	23	1.2	30	10
SMTG-D12.5- X /2400-2500MHz	2400-2500	0.3	21	1.2	30	10
SMTG-D12.5- X /2900-3300MHz	2900-3300	0.35	18	1.3	30	10
SMTG-D12.5- X /4400-5000MHz	4400-5000	0.6	18	1.3	30	10
SMTG-D12.5- X /5700-5900MHz	5700-5900	0.4	20	1.25	30	10

Instructions:

- 1, When TGe surface attachment isolator adopts reflow welding process, TGe maximum temperature does not exceed 260 degrees;
- 2, TGe reflected power is only 10W, if you need more can use TGe way of circulator plus resistance;
- 3, Only some common frequencies in TGe table, can be produced according to TGe user's requirements;
- 4, If you do not find what you are looking for, please contact us!