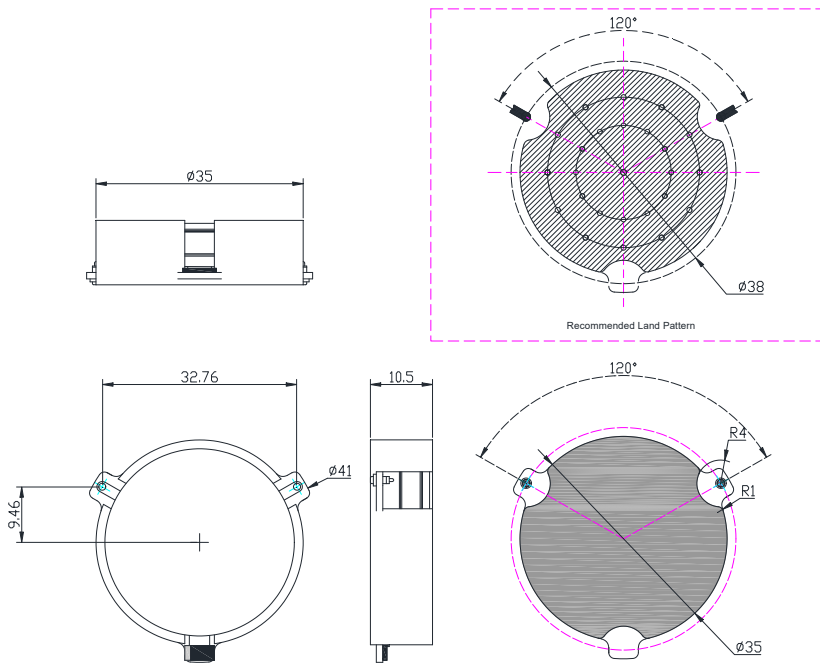
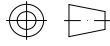


## 300 to 600MHz Surface Mount Isolator

### SMTG-D35 SMT Type

#### Outline Drawing (mm):



#### Features:

- ◇ Good temperature stability
- ◇ Withstand high power
- ◇ RoHS compliant
- ◇ Weight :  $\approx 55g$

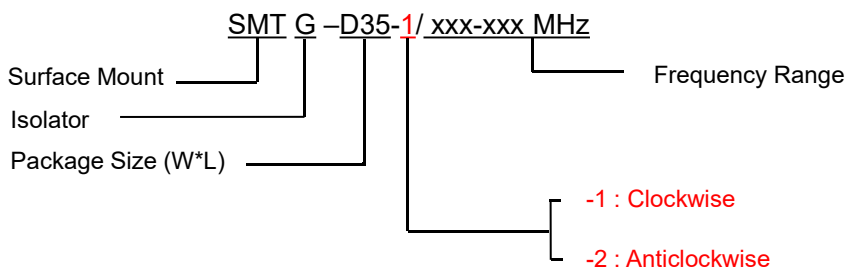
#### Material list:

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

#### Application:

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

#### Order Examples:



#### Basic Specifications:

Impedance	50 $\Omega$
Size(mm)	$\Phi 35.0 \times 10.0$
Operating Temp	-40~+85 $^{\circ}C$
Storage temperature	-50~+90 $^{\circ}C$
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-D35.0-X/300-320MHz	300-320	0.60	20.0	1.25	150	20/100
SMTG-D35.0-X/300-350MHz	300-350	0.80	18.0	1.35	150	20/100
SMTG-D35.0-X/310-340MHz	310-340	0.50	20.0	1.25	150	20/100
SMTG-D35.0-X/320-340MHz	320-340	0.45	20.0	1.25	150	20/100
SMTG-D35.0-X/350-370MHz	350-370	0.40	20.0	1.25	150	20/100
SMTG-D35.0-X/350-400MHz	350-400	0.50	19.0	1.25	150	20/100
SMTG-D35.0-X/361-366MHz	361-366	0.30	23.0	1.20	150	20/100
SMTG-D35.0-X/370-420MHz	370-420	0.50	19.0	1.25	150	20/100
SMTG-D35.0-X/380-410MHz	380-410	0.40	20.0	1.25	150	20/100
SMTG-D35.0-X/380-460MHz	380-460	0.50	18.0	1.30	150	20/100
SMTG-D35.0-X/390-410MHz	390-410	0.30	23.0	1.20	150	20/100
SMTG-D35.0-X/400-420MHz	400-420	0.30	23.0	1.20	150	20/100
SMTG-D35.0-X/400-440MHz	400-440	0.40	20.0	1.25	150	20/100
SMTG-D35.0-X/400-450MHz	400-450	0.40	20.0	1.25	150	20/100
SMTG-D35.0-X/400-470MHz	400-470	0.40	20.0	1.25	150	20/100
SMTG-D35.0-X/400-500MHz	400-500	0.50	19.0	1.25	150	20/100
SMTG-D35.0-X/410-460MHz	410-460	0.40	20.0	1.25	150	20/100
SMTG-D35.0-X/420-430MHz	420-430	0.30	25.0	1.15	150	20/100
SMTG-D35.0-X/420-450MHz	420-450	0.30	23.0	1.20	150	20/100
SMTG-D35.0-X/420-480MHz	420-480	0.40	20.0	1.25	150	20/100
SMTG-D35.0-X/430-440MHz	430-440	0.30	23.0	1.20	150	20/100
SMTG-D35.0-X/430-470MHz	430-470	0.40	20.0	1.25	150	20/100
SMTG-D35.0-X/440-470MHz	440-470	0.30	23.0	1.20	150	20/100
SMTG-D35.0-X/450-456MHz	450-456	0.25	25.0	1.15	150	20/100
SMTG-D35.0-X/450-500MHz	450-500	0.40	20.0	1.25	150	20/100



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-D35.0-X/450-520MHz	450-520	0.40	20.0	1.25	150	20/100
SMTG-D35.0-X/450-550MHz	450-550	0.40	20.0	1.25	150	20/100
SMTG-D35.0-X/455-465MHz	455-465	0.25	25.0	1.15	150	20/100
SMTG-D35.0-X/459-486MHz	459-486	0.30	23.0	1.20	150	20/100
SMTG-D35.0-X/470-490MHz	470-490	0.30	23.0	1.20	150	20/100
SMTG-D35.0-X/470-530MHz	470-530	0.40	20.0	1.20	150	20/100
SMTG-D35.0-X/470-570MHz	470-570	0.40	20.0	1.25	150	20/100
SMTG-D35.0-X/470-610MHz	470-610	0.50	18.0	1.30	150	20/100
SMTG-D35.0-X/475-525MHz	475-525	0.30	23.0	1.20	150	20/100
SMTG-D35.0-X/495-516MHz	495-516	0.30	23.0	1.20	150	20/100
SMTG-D35.0-X/500-600MHz	500-600	0.40	20.0	1.20	150	20/100

#### Instructions:

- 1, When the surface attachment isolator adopts reflow welding process, the maximum temperature does not exceed 260 degrees;
- 2, The reflected power is only 10W, if you need more can use the way of circulator plus resistance;
- 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!