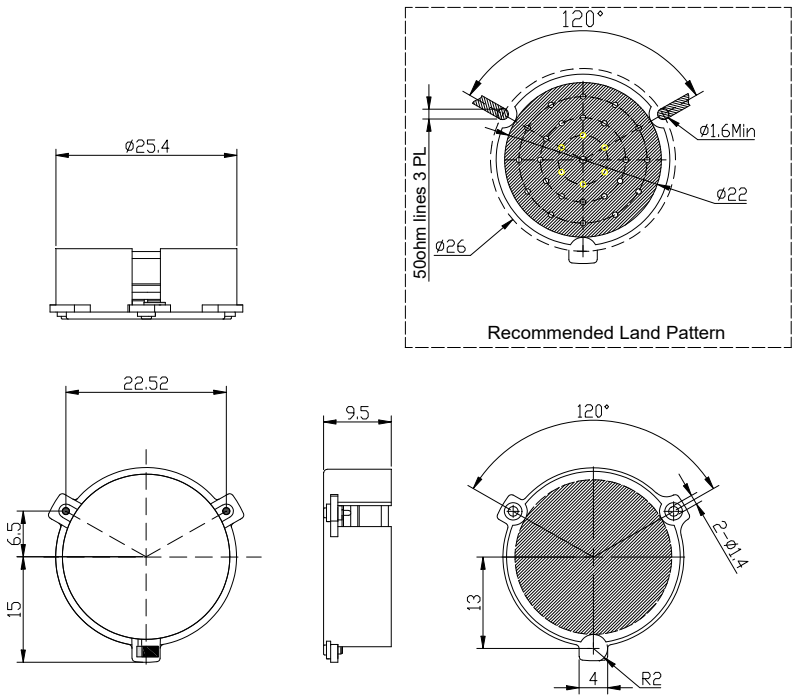
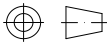




400 to 1800MHz Surface Mount Isolator

SMTG-D25.4 SMT Type

Outline Drawing (mm):



Features:

- ◇ Good temperature stability
- ◇ Withstand high power
- ◇ RoHS compliant
- ◇ Weight : ≈ 35 g

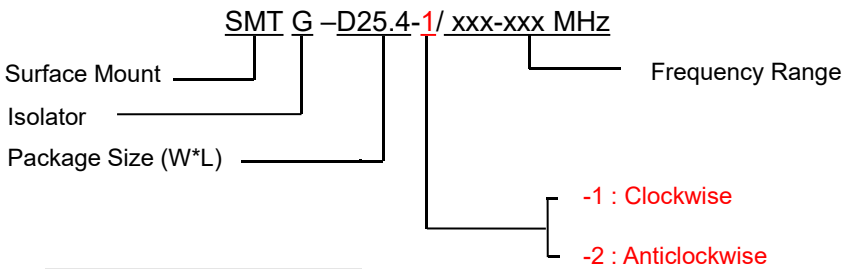
Material list:

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

Application:

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

Order Examples:



Basic Specifications:

Impedance	50 Ω
Size(mm)	$\Phi 25.4 \times 9.5$
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-D25.4- X /350-370MHz	350-370	0.50	20.0	1.20	100	10
SMTG-D25.4- X /380-400MHz	380-400	0.60	18.0	1.30	200	10
SMTG-D25.4- X /400-410MHz	400-410	0.30	23.0	1.20	200	10
SMTG-D25.4- X /400-470MHz	400-470	0.50	18.0	1.30	200	10
SMTG-D25.4- X /400-500MHz	400-500	0.60	16.0	1.40	200	10
SMTG-D25.4- X /410-425MHz	410-425	0.30	23.0	1.20	200	10
SMTG-D25.4- X /430-470MHz	430-470	0.40	20.0	1.25	200	10
SMTG-D25.4- X /490-510MHz	490-510	0.30	23.0	1.20	200	10
SMTG-D25.4- X /600-700MHz	600-700	0.40	20.0	1.25	300	10
SMTG-D25.4- X /690-810MHz	690-810	0.40	20.0	1.25	300	10
SMTG-D25.4- X /700-750MHz	700-750	0.40	20.0	1.25	300	10
SMTG-D25.4- X /700-803MHz	700-803	0.40	20.0	1.25	300	10
SMTG-D25.4- X /750-800MHz	750-800	0.30	23.0	1.20	300	10
SMTG-D25.4- X /800-850MHz	800-850	0.30	23.0	1.20	300	10
SMTG-D25.4- X /800-1000MHz	800-1000	0.50	18.0	1.30	300	10
SMTG-D25.4- X /850-855MHz	850-855	0.25	25.0	1.15	300	10
SMTG-D25.4- X /850-900MHz	850-900	0.30	23.0	1.20	300	10
SMTG-D25.4- X /850-960MHz	850-960	0.40	20.0	1.25	300	10
SMTG-D25.4- X /860-960MHz	860-960	0.40	20.0	1.25	300	10
SMTG-D25.4- X /900-920MHz	900-920	0.30	23.0	1.20	200	10
SMTG-D25.4- X /925-960MHz	925-960	0.30	23.0	1.20	200	10
SMTG-D25.4- X /955-1220MHz	955-1220	0.45	18.0	1.30	300	10
SMTG-D25.4- X /960-1230MHz	960-1230	0.45	18.0	1.30	300	10
SMTG-D25.4- X /962-1213MHz	962-1213	0.45	20.0	1.25	300	10
SMTG-D25.4- X /1000-1100MHz	1000-1100	0.30	23.0	1.20	200	10
SMTG-D25.4- X /1000-1200MHz	1000-1200	0.40	20.0	1.25	200	10



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-D25.4- X /1020-1040MHz	1020-1040	0.20	25.0	1.15	200	10
SMTG-D25.4- X /1020-1100MHz	1020-1100	0.30	23.0	1.20	200	10
SMTG-D25.4- X /1022-1038MHz	1022-1038	0.20	25.0	1.15	200	10
SMTG-D25.4- X /1030-1039MHz	1030-1039	0.20	25.0	1.15	200	10
SMTG-D25.4- X /1030-1090MHz	1030-1090	0.30	23.0	1.20	200	10
SMTG-D25.4- X /1070-1210MHz	1070-1210	0.40	20.0	1.25	300	10
SMTG-D25.4- X /1080-1100MHz	1080-1100	0.20	25.0	1.15	200	10
SMTG-D25.4- X /1100-1300MHz	1100-1300	0.40	20.0	1.25	300	10
SMTG-D25.4- X /1150-1250MHz	1150-1250	0.30	23.0	1.20	200	10
SMTG-D25.4- X /1187-1312MHz	1187-1312	0.40	20.0	1.25	300	10
SMTG-D25.4- X /1200-1300MHz	1200-1300	0.30	23.0	1.20	200	10
SMTG-D25.4- X /1200-1400MHz	1200-1400	0.40	20.0	1.25	300	10
SMTG-D25.4- X /1250-1450MHz	1250-1450	0.40	20.0	1.25	300	10
SMTG-D25.4- X /1301-1438MHz	1301-1438	0.40	20.0	1.25	200/300	10
SMTG-D25.4- X /1300-1700MHz	1300-1700	0.40	19.0	1.25	100/300	10
SMTG-D25.4- X /1325-1375MHz	1325-1375	0.30	23.0	1.20	100/300	10
SMTG-D25.4- X /1400-1600MHz	1400-1600	0.40	20.0	1.25	100/300	10
SMTG-D25.4- X /1450-1550MHz	1450-1550	0.30	23.0	1.20	100/300	10
SMTG-D25.4- X /1500-1700MHz	1500-1700	0.40	20.0	1.25	100/300	10
SMTG-D25.4- X /1500-1800MHz	1500-1800	0.40	20.0	1.25	100/300	10

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!