

Features:

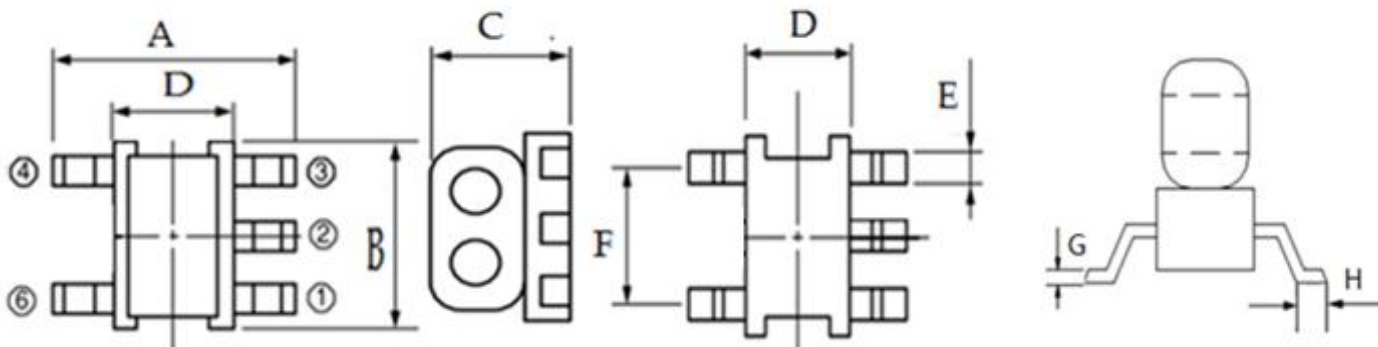
- ◆ 1: 1.33 Impedance
- ◆ 75Ω Characteristic Impedance
- ◆ Frequency: 4 to 2800 MHz
- ◆ RF power: 0.25W
- ◆ DC current: 30mA
- ◆ Operating temperature range: -40°C to +85°C
- ◆ Storage temperature range: -55°C to +100°C



Applications:

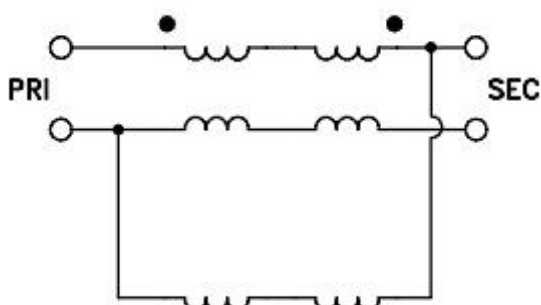
- ◆ For broadband and wireless communications
- ◆ For VHF/UHF receivers/transmitters and push-pull amplifiers

Dimension Diagram (Unit:mm) :

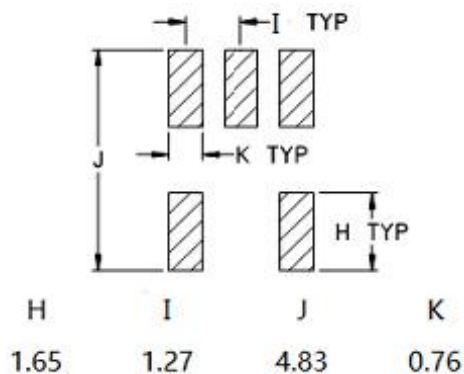


A=4.10±0.20 B=3.80±0.20 C=3.20±0.20 D=2.80±0.20 E=0.55±0.05 F=2.54±0.05 G=0.25±0.05 H=0.60±0.05

Electrical structure:



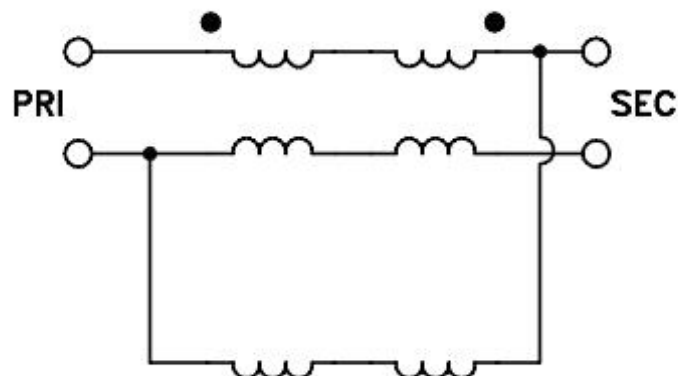
Recommended layout:



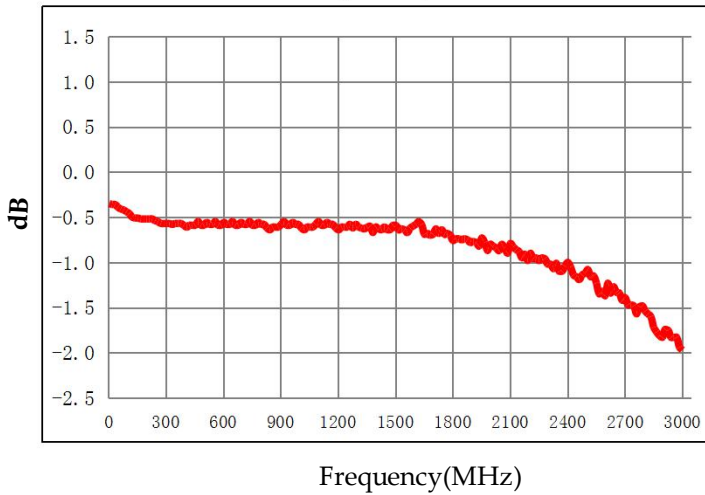
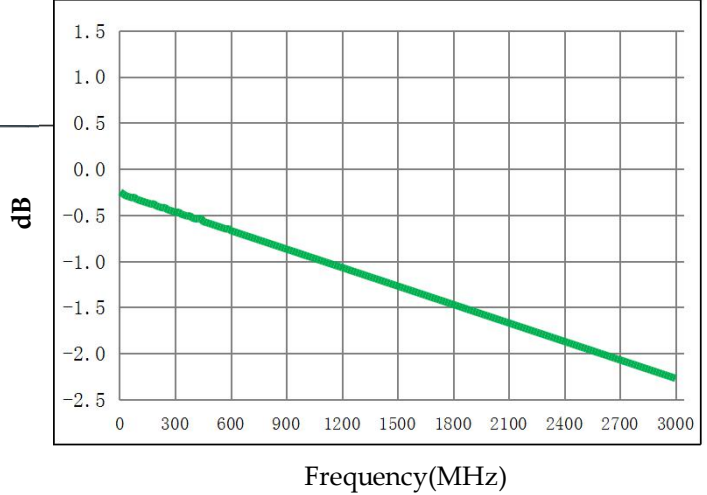
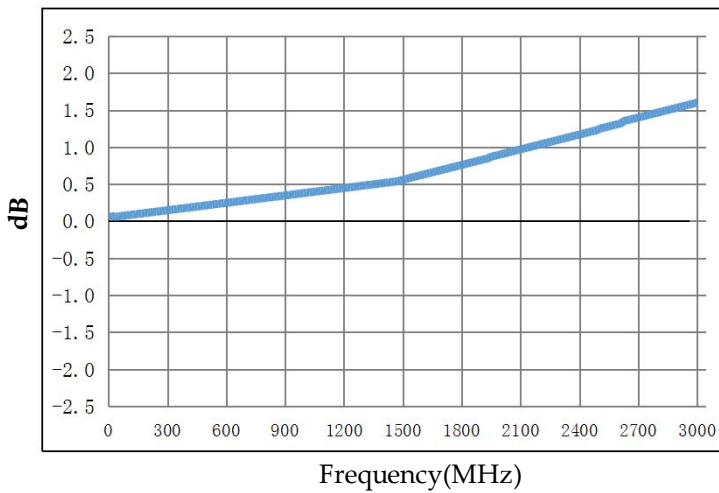
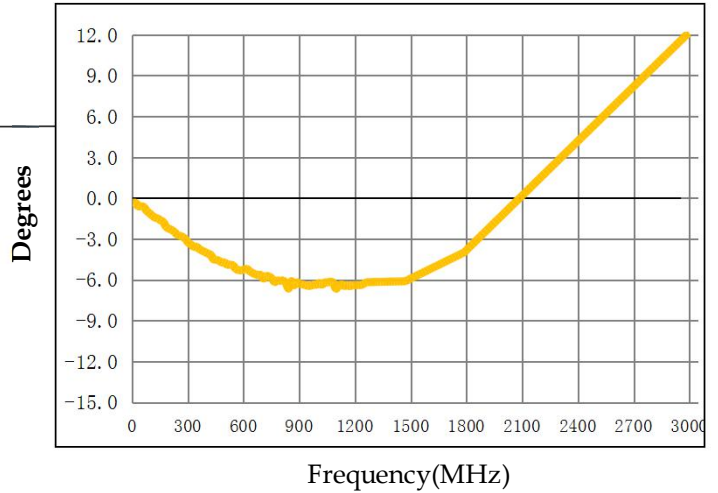
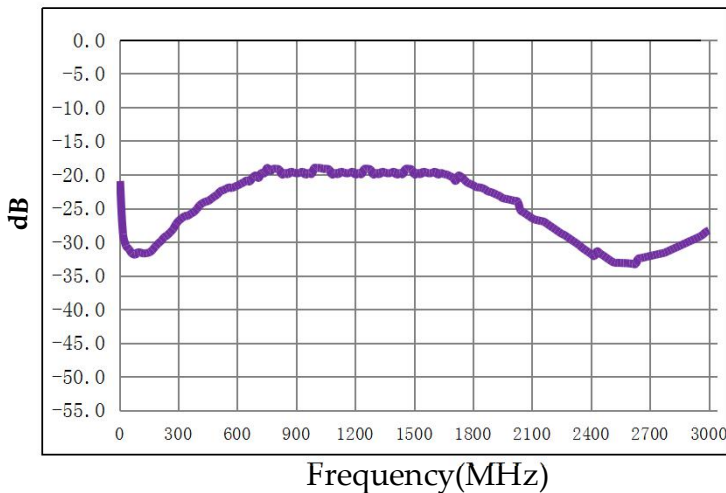
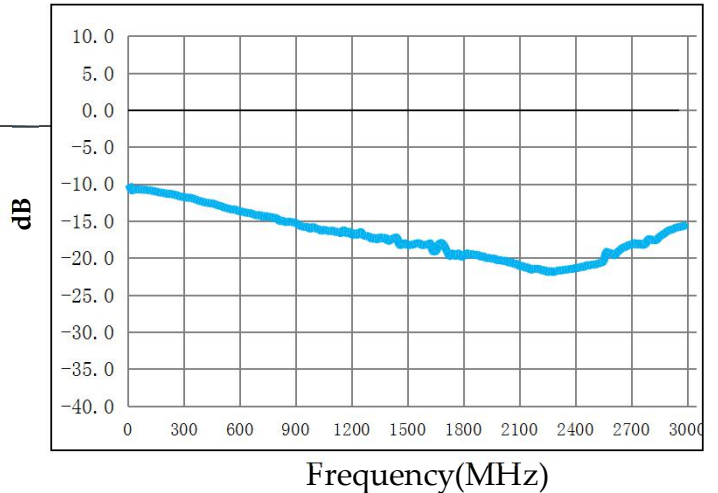
Pin configuration

1	SECONDARY
2	NOT USED
3	SECONDARY DOT
4	PRIMARY
6	PRIMARY DOT

Application circuit :

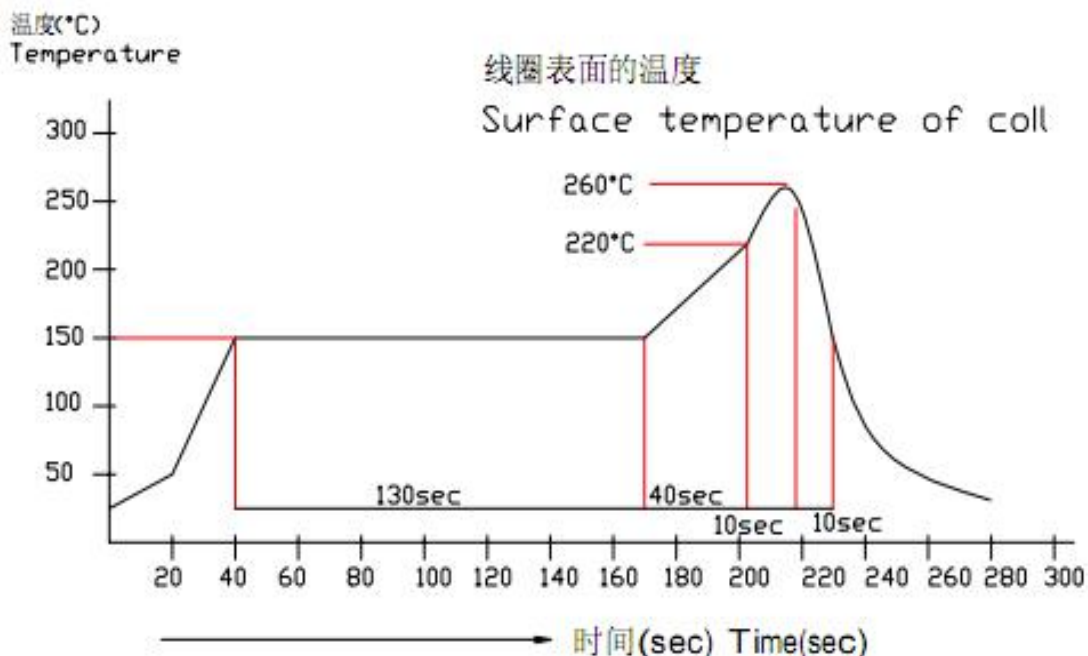
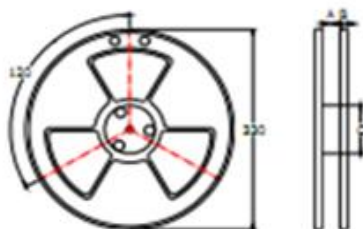
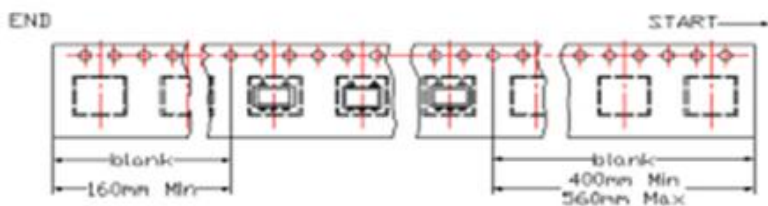

Electrical Specifications at 25°C, 75Ω

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss(out1)	4-2800MHz	dB	—	0.5	3.0
Main line Loss(out2)	4-2800MHz	dB	—	1.0	3.5
Amplitude Balance	4-2800MHz	dB	—	0.8	±2.0
Phase Balance	4-2800MHz	Degrees	—	6.0	±10.0
Input Return Loss	4-2800MHz	dB	10.0	20.0	—

Main line Loss(out1)

Main line Loss(out2)

Amplitude Balance

Phase Balance

Input Return Loss

Sdd22


Recommended Soldering Temperature Graph:

建议迴焊条件
The condltion of reflow
(Recommendation)


Packging Dimension For Caeer Tape(UNIT:mm):


SPEC	8	12	16	24	32	44	56	72
DIM A±0.1	8.5	12.5	16.5	24.5	32.5	44.5	56.5	72.5
DIM B±0.1	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
DIM Ct±0.1	100	100	100	100	100	100	100	100

QUANTITY
2000PCS/Reel

15 reel/Big carton/60000pcs