



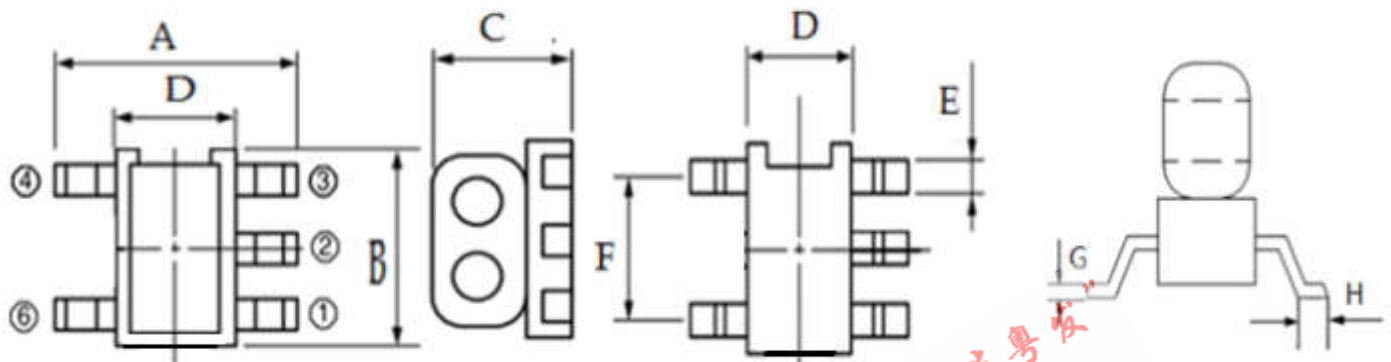
Features:

- ◆ 1: 1 Impedance
- ◆ 75Ω Characteristic Impedance
- ◆ Frequency: 5to1250 MHz
- ◆ RF power: 0.50W
- ◆ DC current: 30mA
- ◆ Insertion loss: 1.5dB Max; Input Return loss: 14.0dB Min
- ◆ Operating temperature range: -40°C to +85°C
- ◆ Storage temperature range: -55°C to +100°C

Applications:

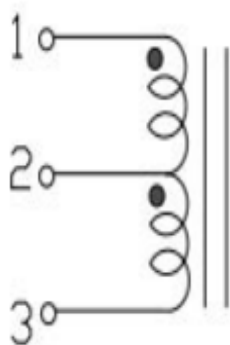
- ◆ For broadband and wireless communications
- ◆ For VHF/UHF receivers/transmitters and push-pull amplifiers

Dimension Diagram (Unit:mm) :

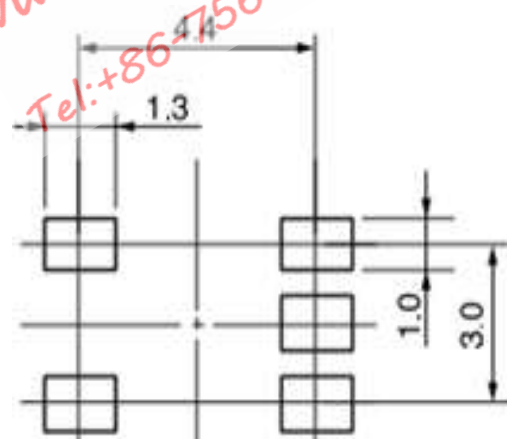


A=5.10±0.20 B=4.30±0.20 C=3.50Max D=2.60±0.20 E=0.50±0.05 F=3.00±0.10 G=0.25±0.05 H=0.60±0.10

Electrical structure:



Recommended layout:

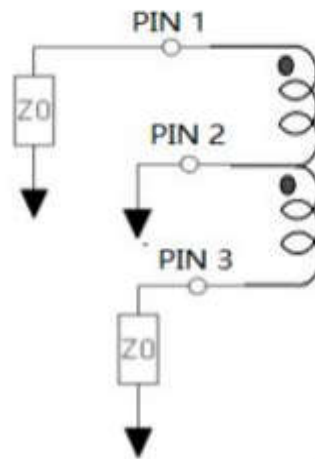


Pin configuration

Pin no.	Function
1	Input
2	Ground
3	Output

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Application circuit:

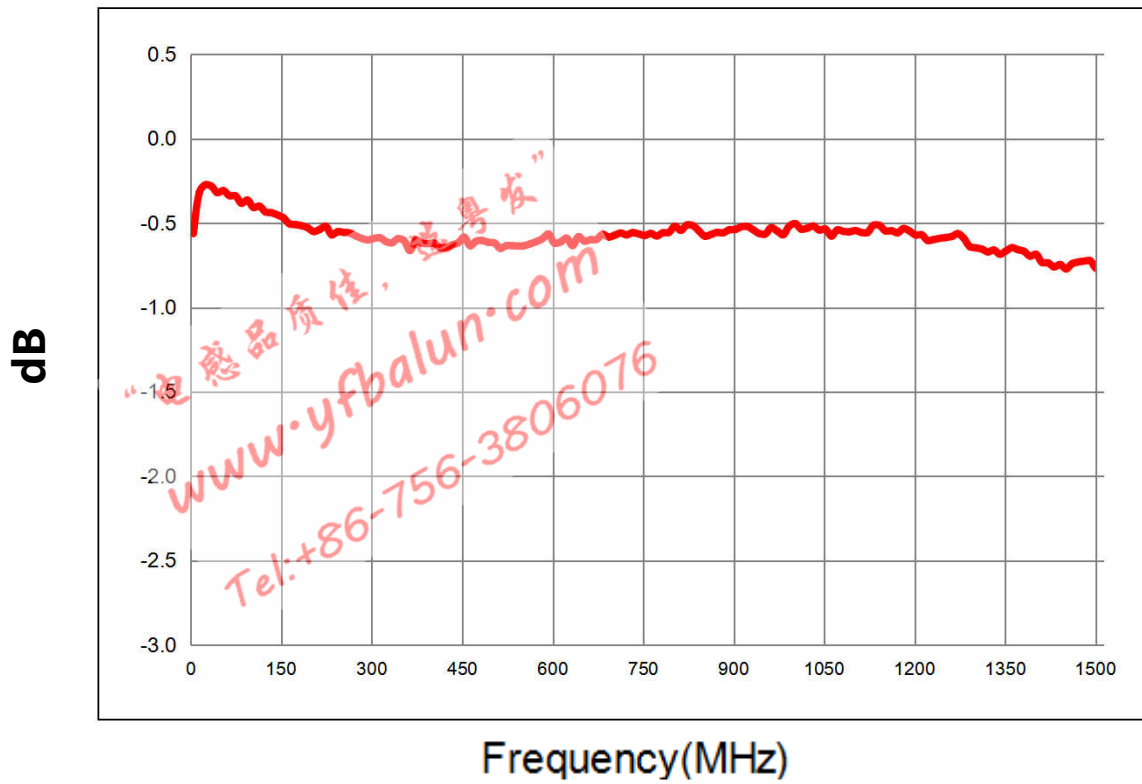


Electrical Specifications: $T_A = 25^\circ\text{C}$ $Z_0 = 75\Omega$

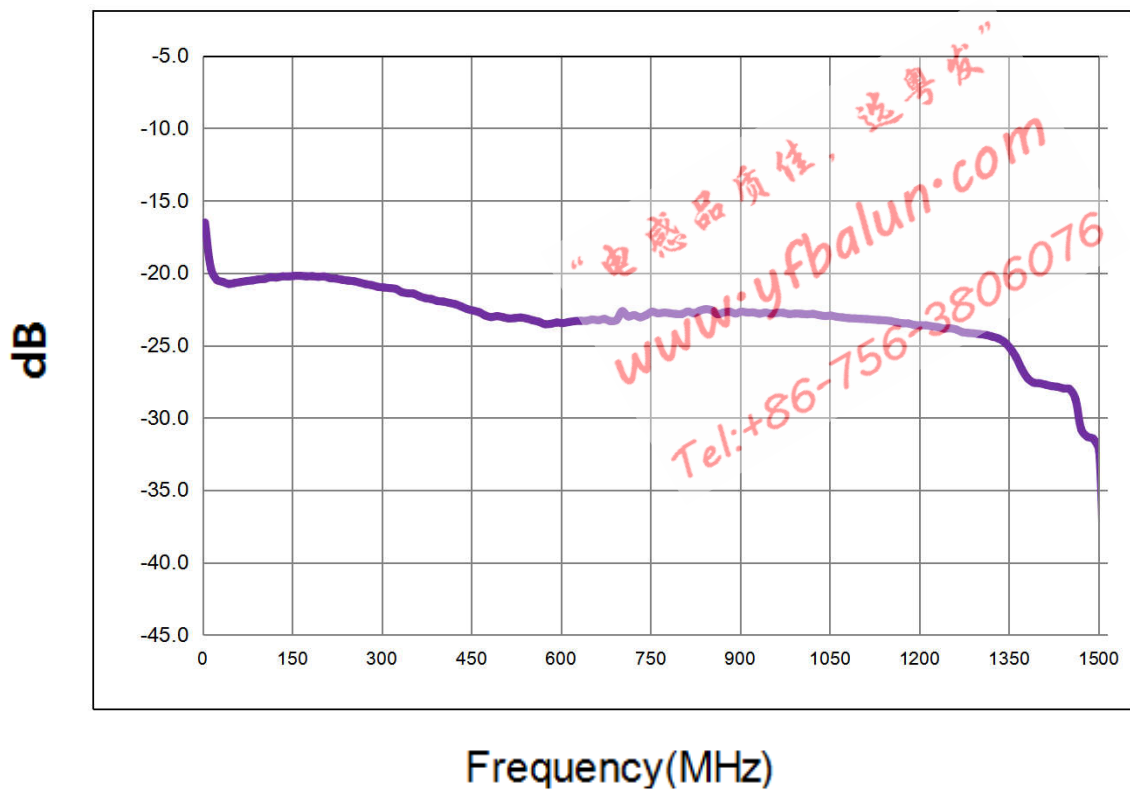
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Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss	5-1250MHz	dB	—	0.5	1.5
Input Return Loss	5-1250MHz	dB	14.0	23.0	—

Main line Loss:

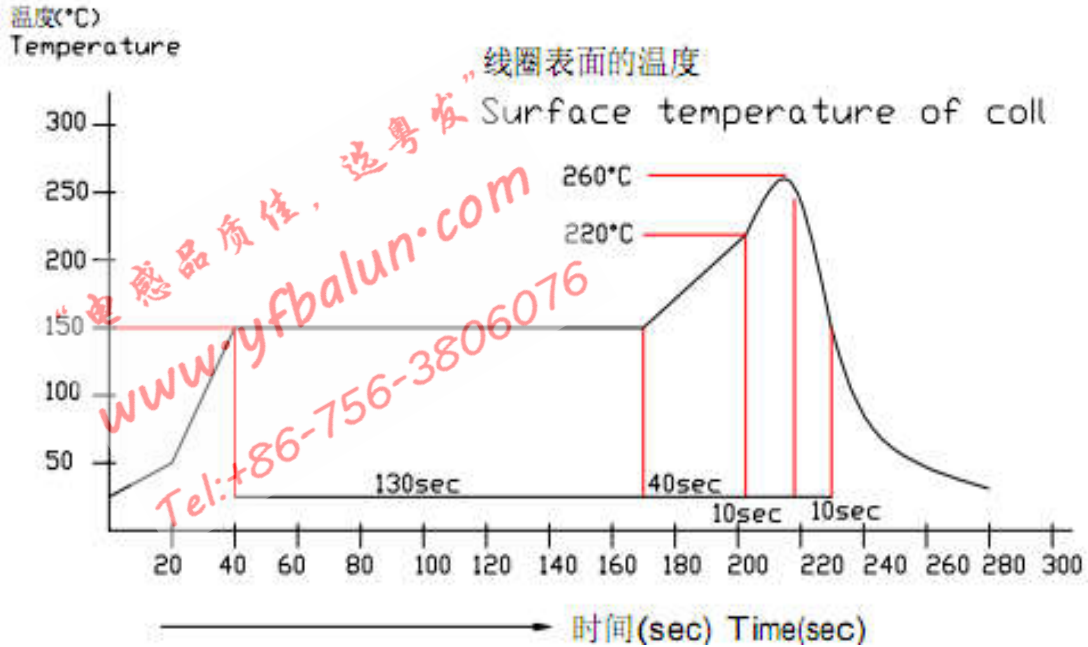


Input Return Loss:

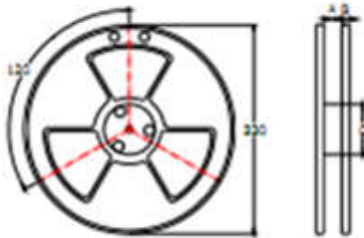
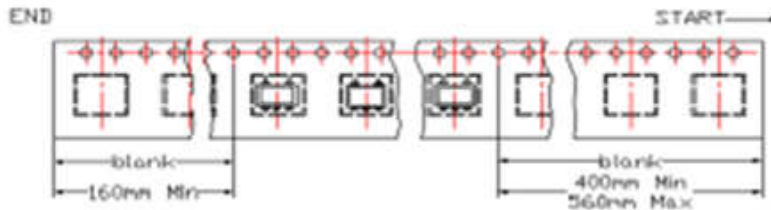


Recommended Soldering Temperature Graph:

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



Packing Dimension For Caeier Tape(UNIT:mm):



SPEC	8	12	16	24	32	44	56	72
DIM A±0.1	8.5	11.5	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 C±0.1	100	100	100	100	100	100	100	100

QUANTITY

2000PCS/Reel

15 reel/Big carton/60000pcs