

Features::

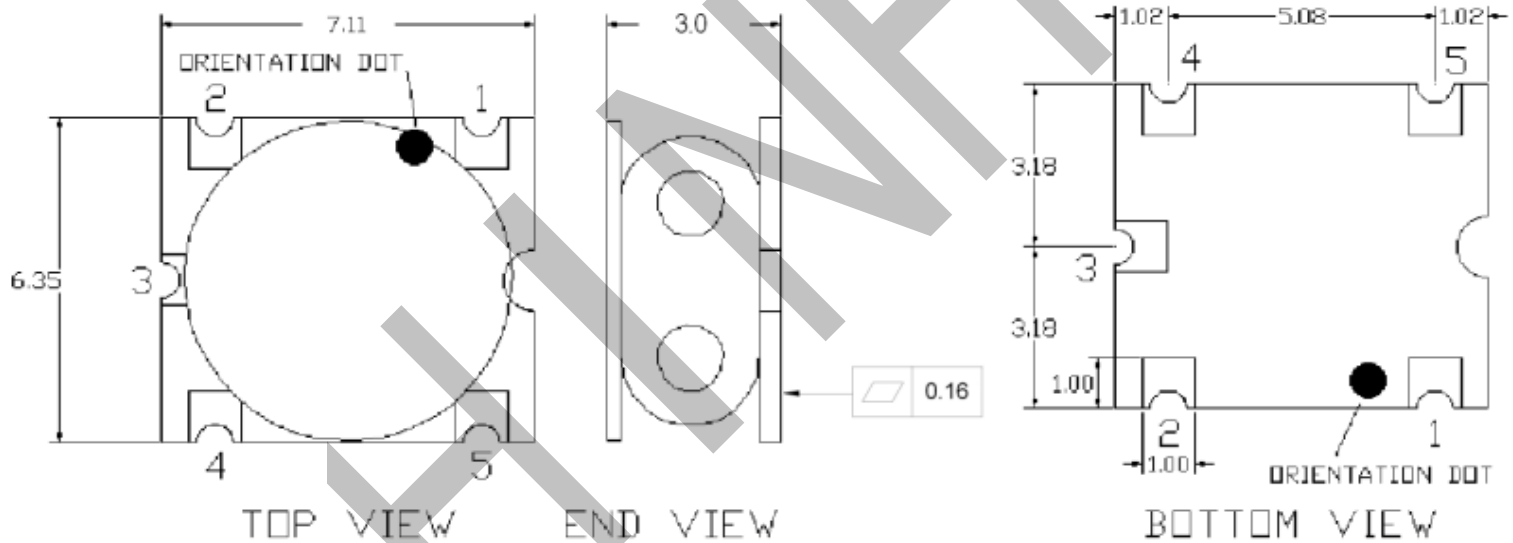
- ◆ 1: 2 Impedance
- ◆ 75Ω Characteristic Impedance
- ◆ Frequency: 5 to 1250 MHz
- ◆ RF power: 0.50W
- ◆ DC current: 30mA
- ◆ Operating temperature range: -40°C to +85°C
- ◆ Storage temperature range: -55°C to +100°C



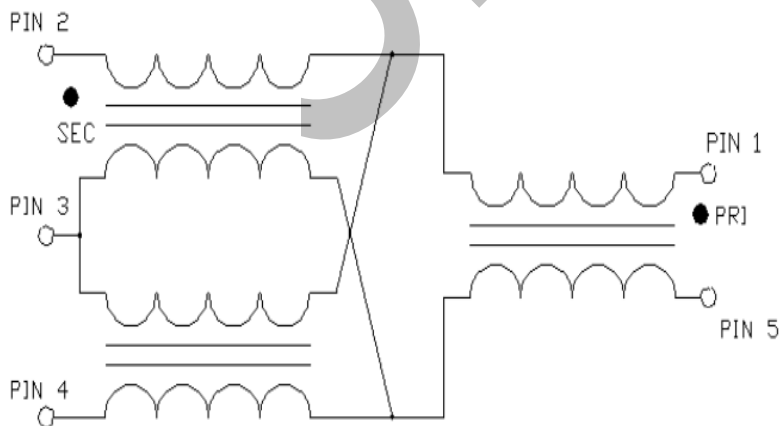
Applications:

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

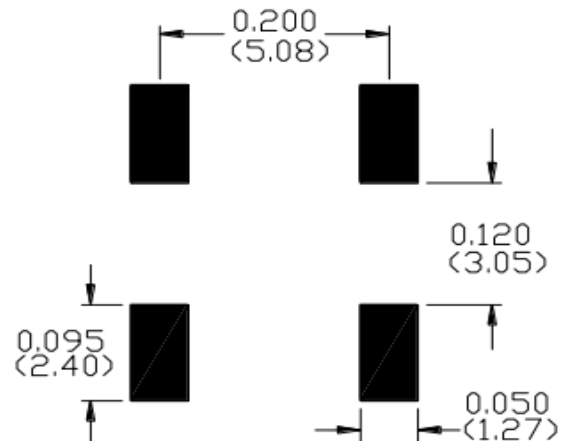
Dimension Diagram :



Electrical structure:



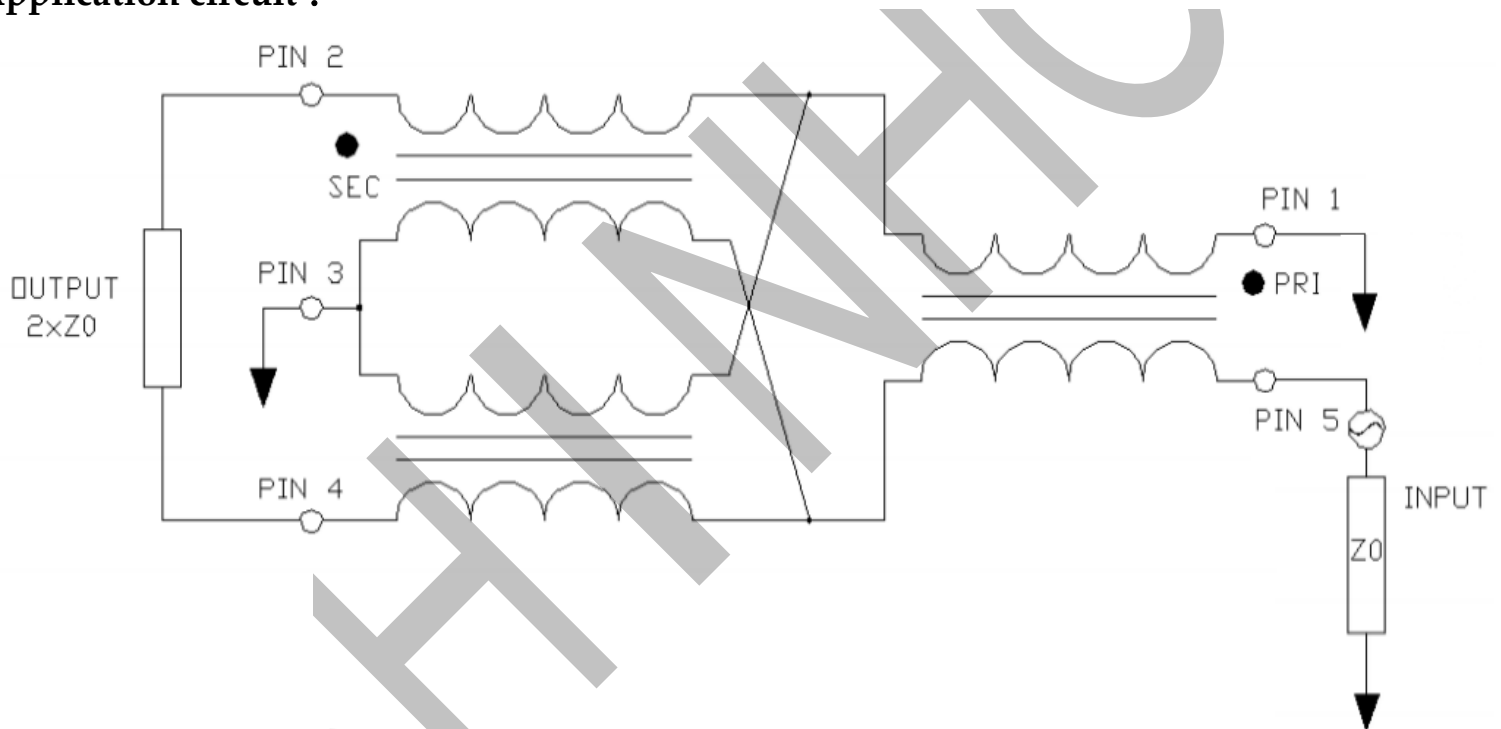
Recommended layout:



Pin configuration

Pin no.	Function
1	Primary (Ground)
2	Secondary (Output 2)
3	Centre tap (Ground)
4	Secondary dot (Output 1)
5	Primary dot (Input)

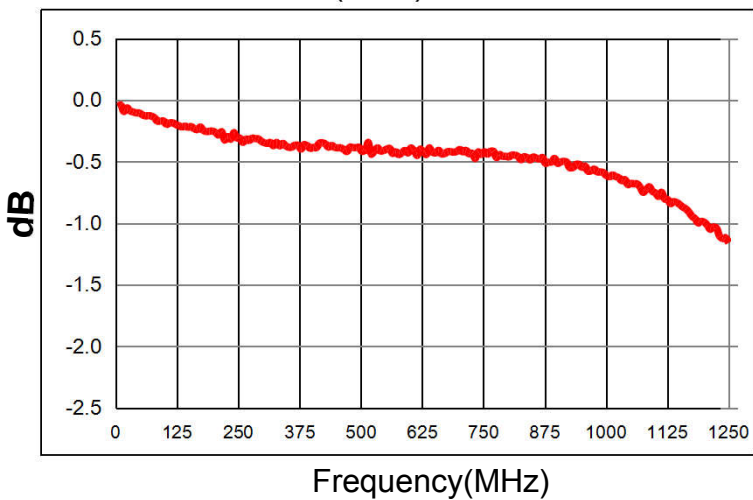
Application circuit :



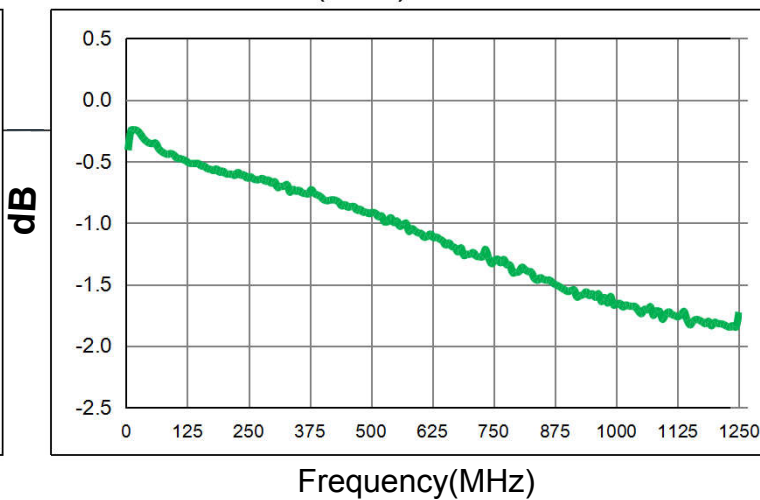
Electrical Specifications: $T_A = 25^\circ\text{C}$ $Z_0 = 75\Omega$

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss(out1)	5-1250MHz	dB	—	0.5	1.5
Main line Loss(out2)	5-1250MHz	dB	—	1.2	2.2
Amplitude Balance	5-1250MHz	dB	—	0.6	± 1.8
Phase Balance	5-1250MHz	Degrees	—	± 3	± 7.0
Input Return Loss	5-1250MHz	dB	8.0	17.0	—

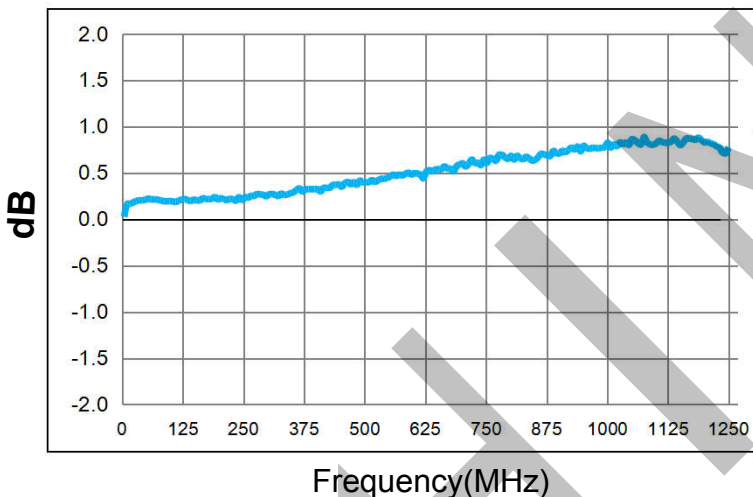
Main line Loss(out1)



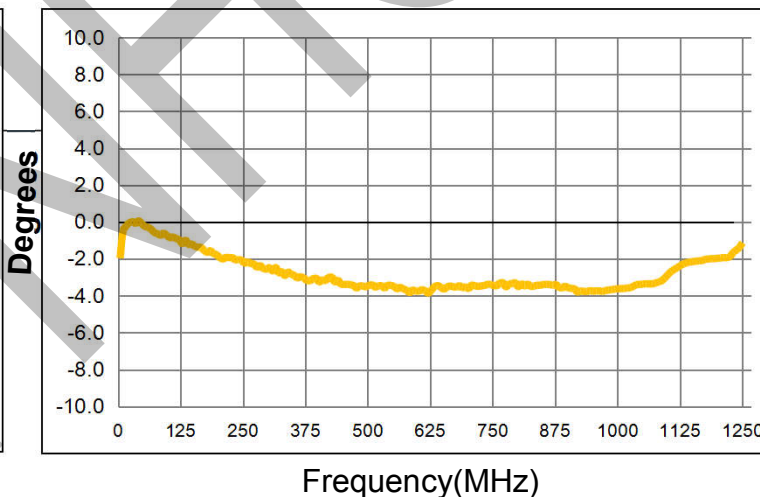
Main line Loss(out2)



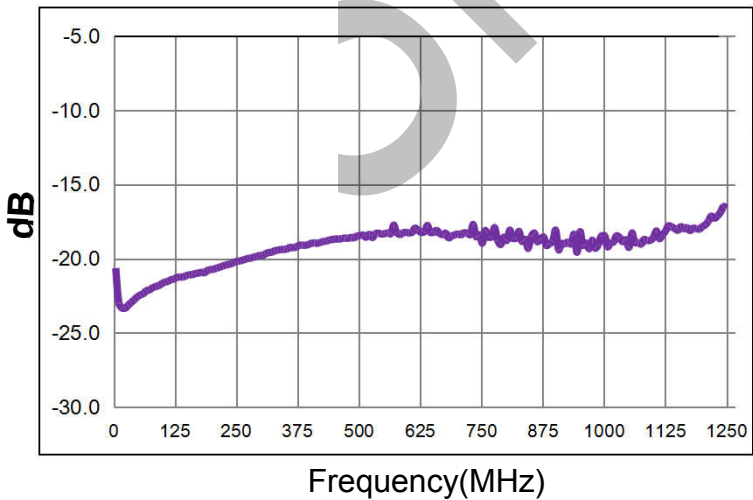
Amplitude Balance



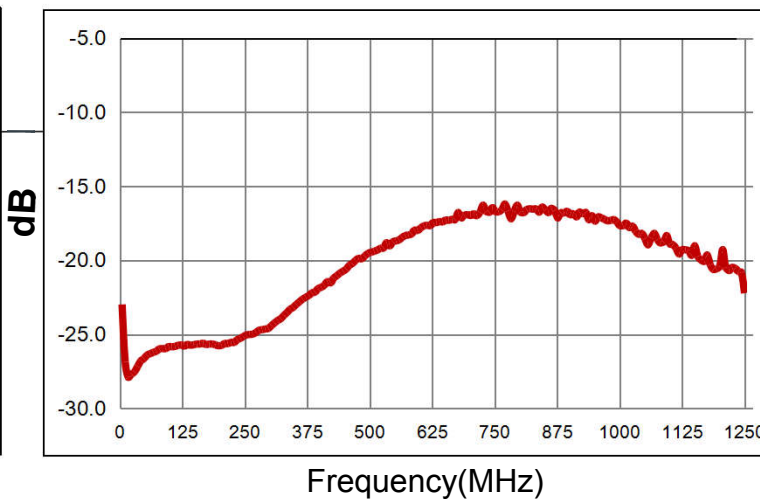
Phase Balance



Input Return Loss

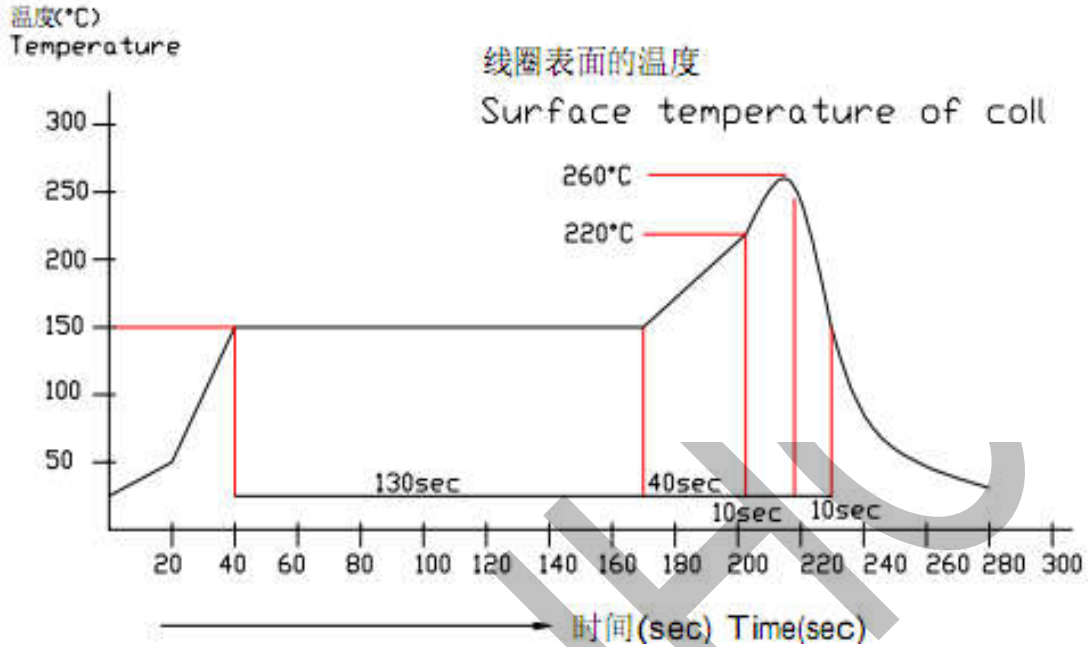


Sdd22

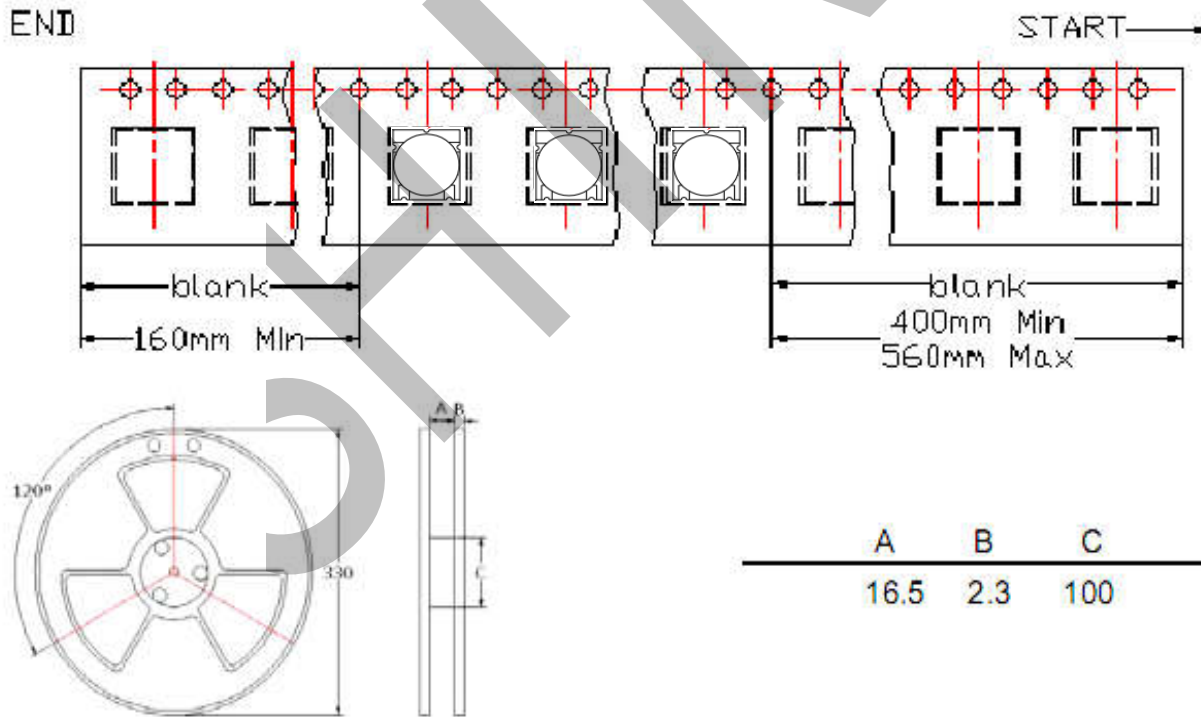


Recommended Soldering Temperature Graph:

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



Packging Dimension For Caeier Tape(UNIT:mm):



QUANTITY

1500 PCS/Reel

3Reels/Middle Carton

5 Middle Cartons/Big Carton/15,000pcs