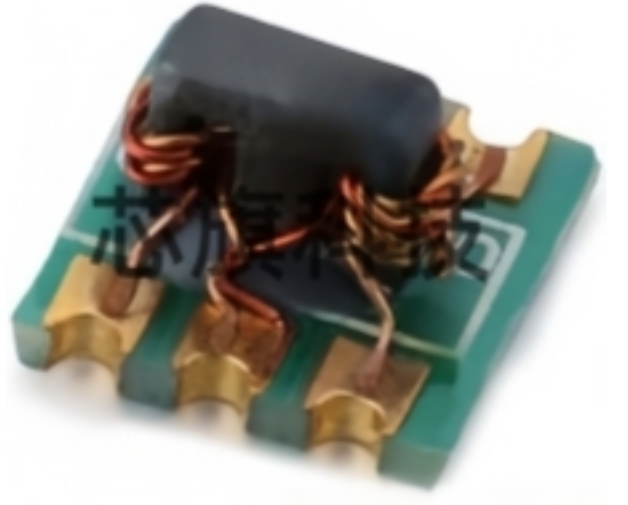


### Features::

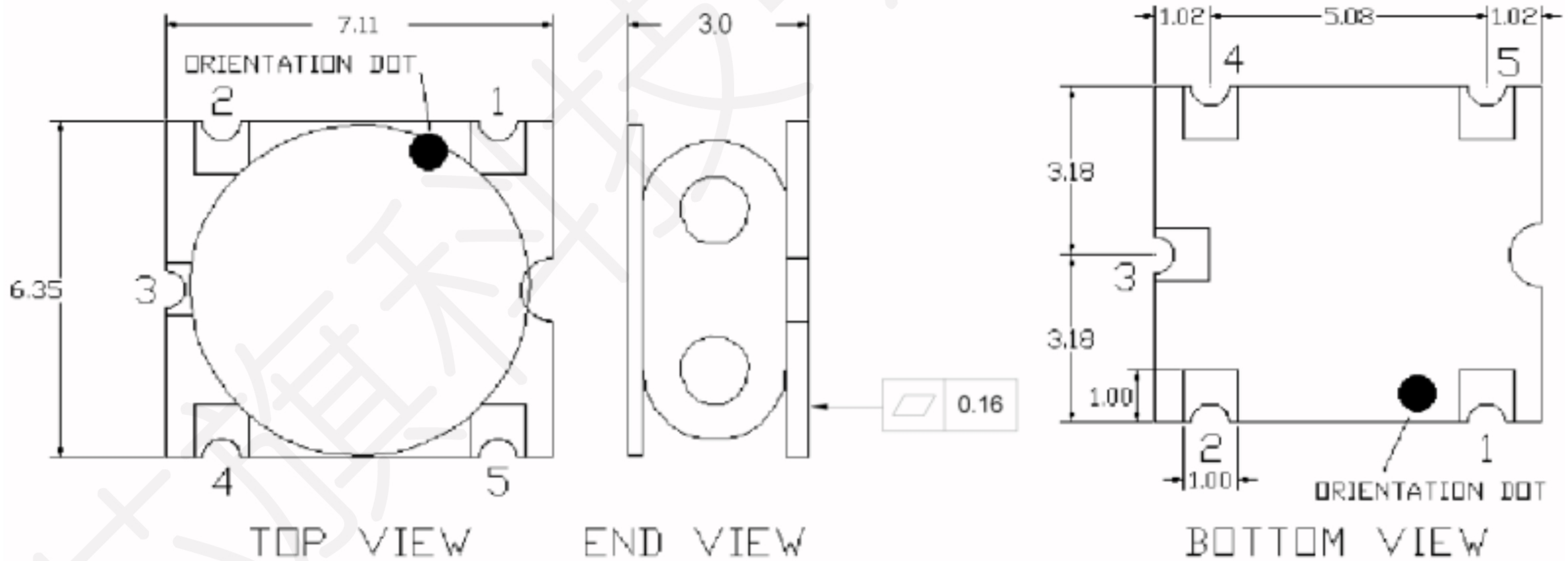
- ◆ 1: 2 Impedance
- ◆ 75Ω Characteristic Impedance
- ◆ Frequency: 5 to 1250 MHz
- ◆ RF power: 0.50W
- ◆ DC current: 30mA
- ◆ Operating temperature range: -40°C to +85°C
- ◆ Storage temperature range: -55°C to +100°C



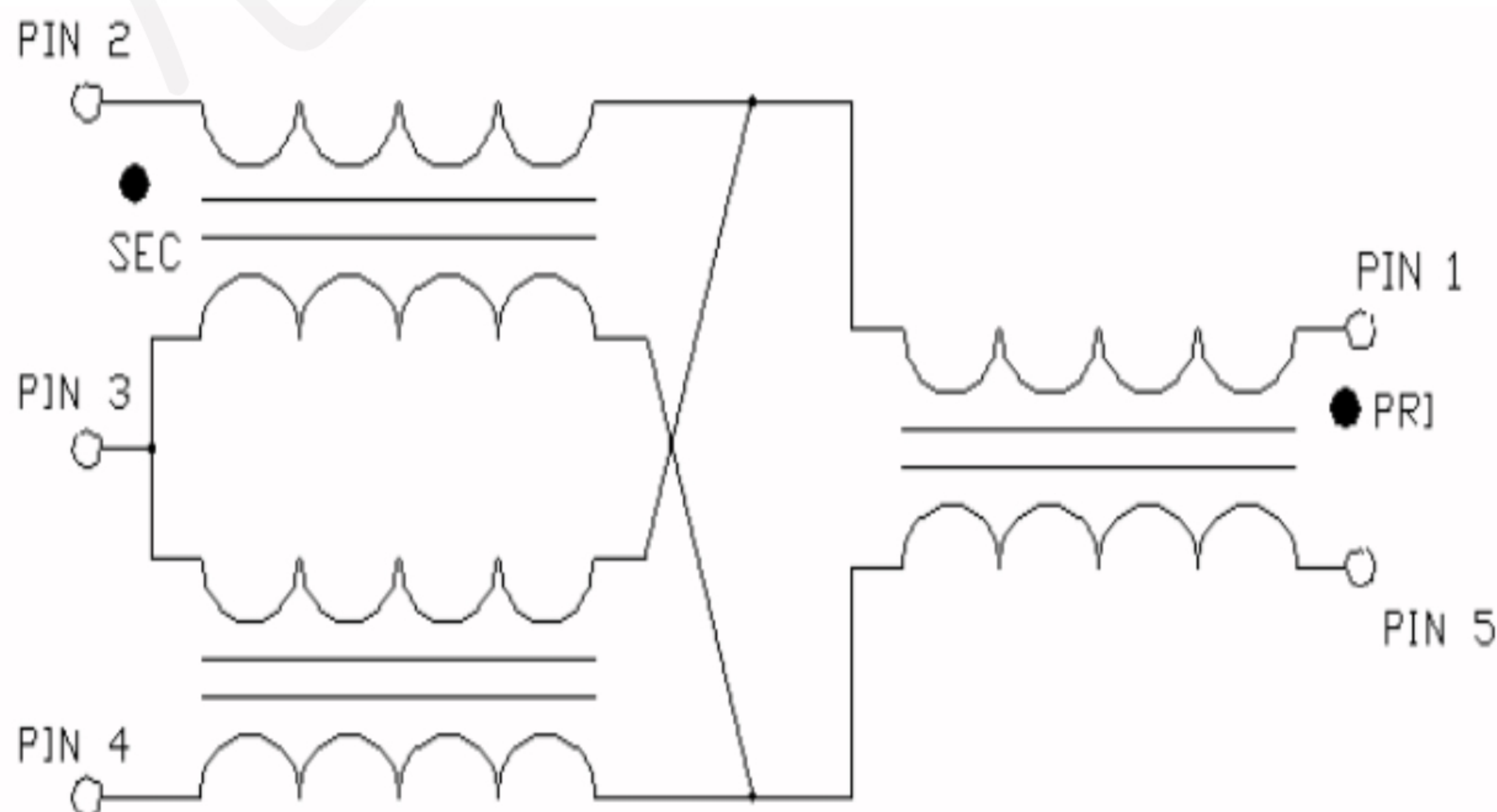
### Applications:

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

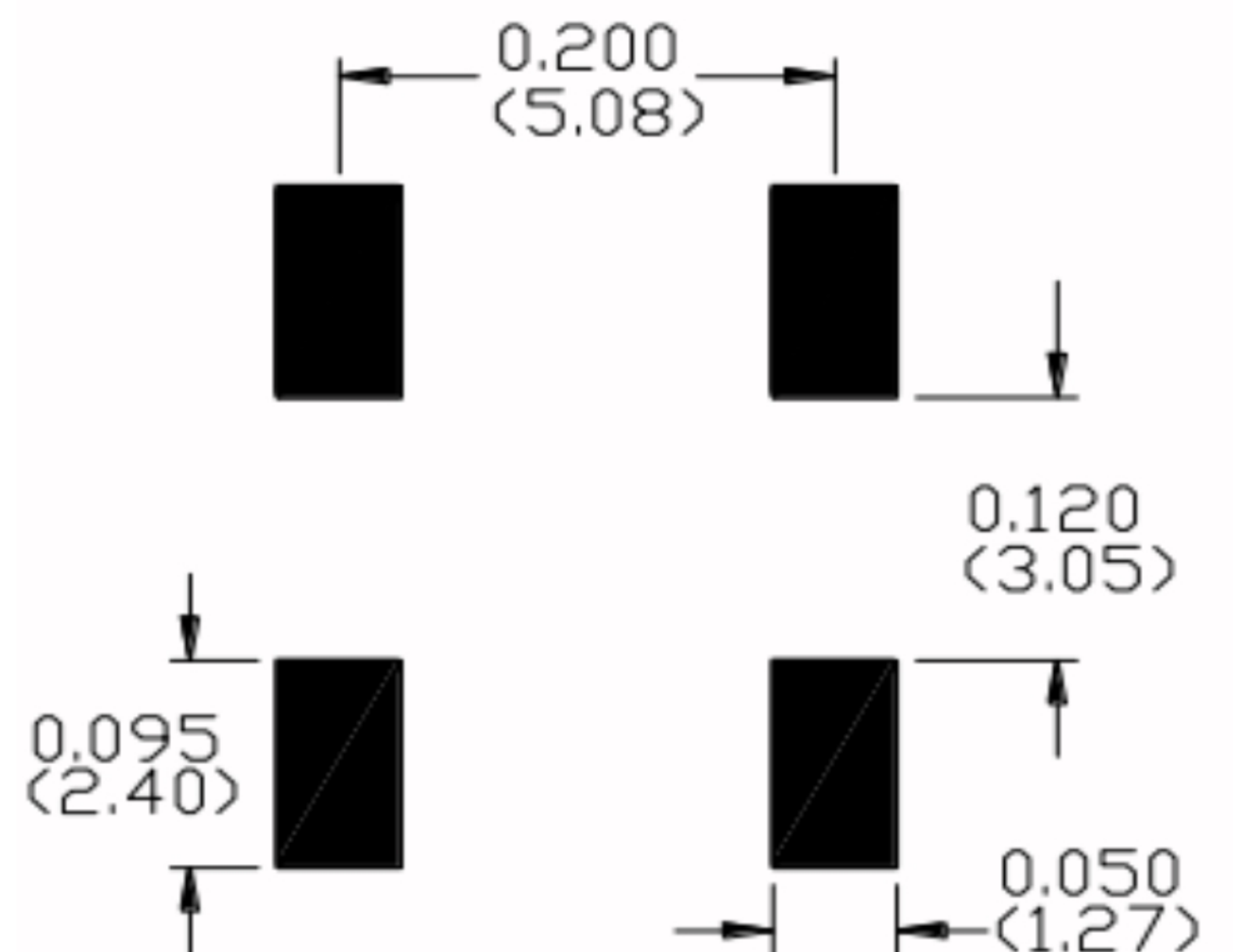
### Dimension Diagram :



### Electrical structure:

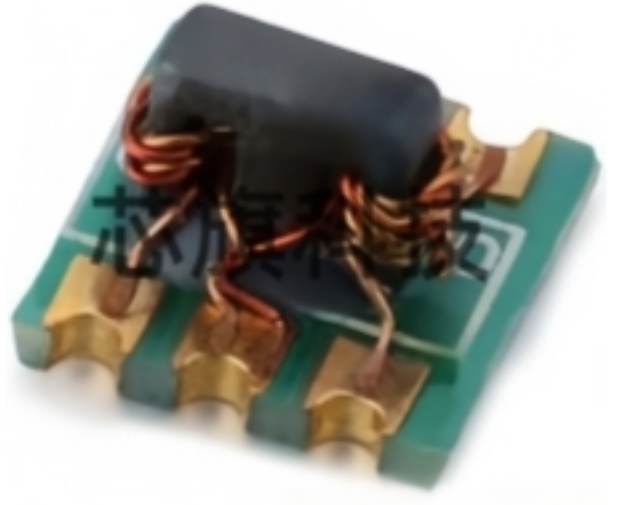


### Recommended layout:



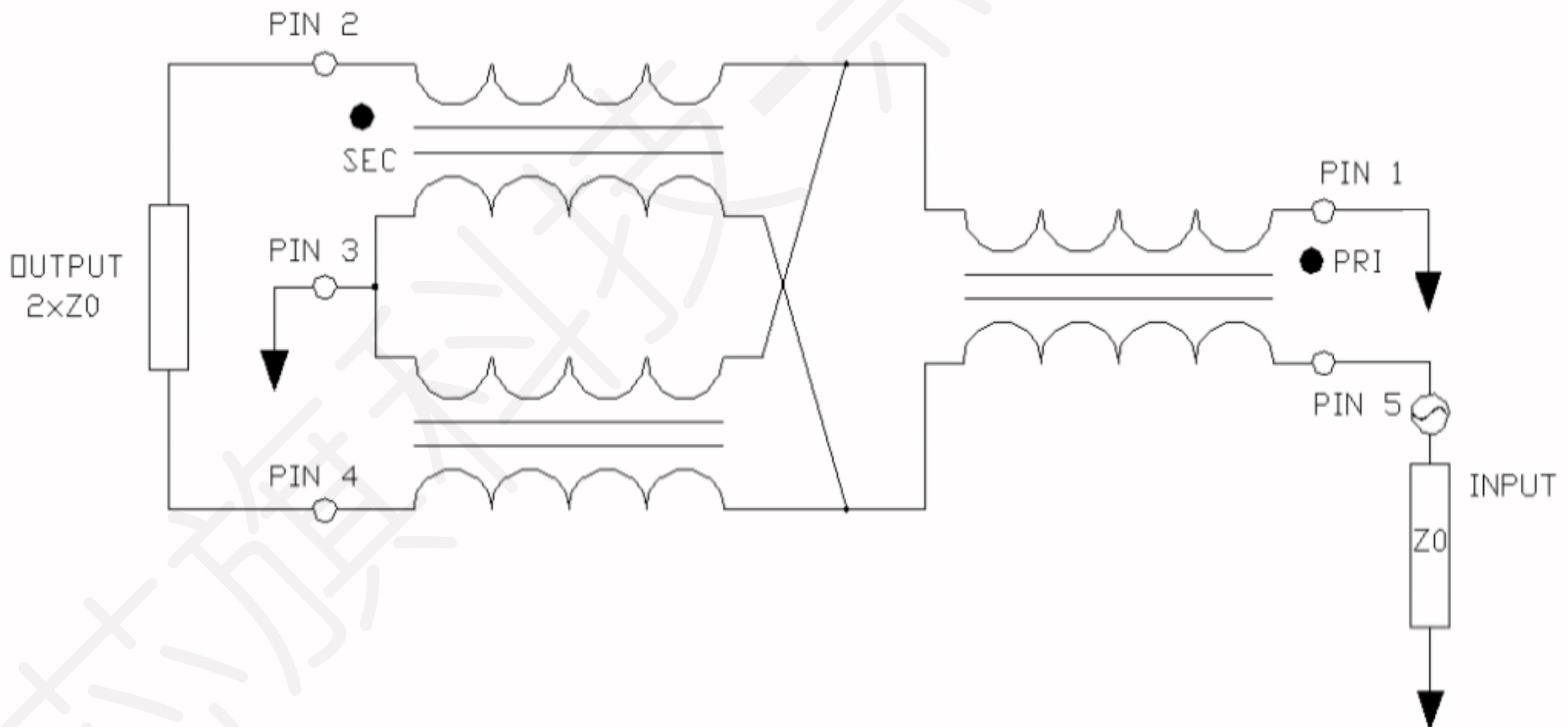


## Pin configuration



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 :



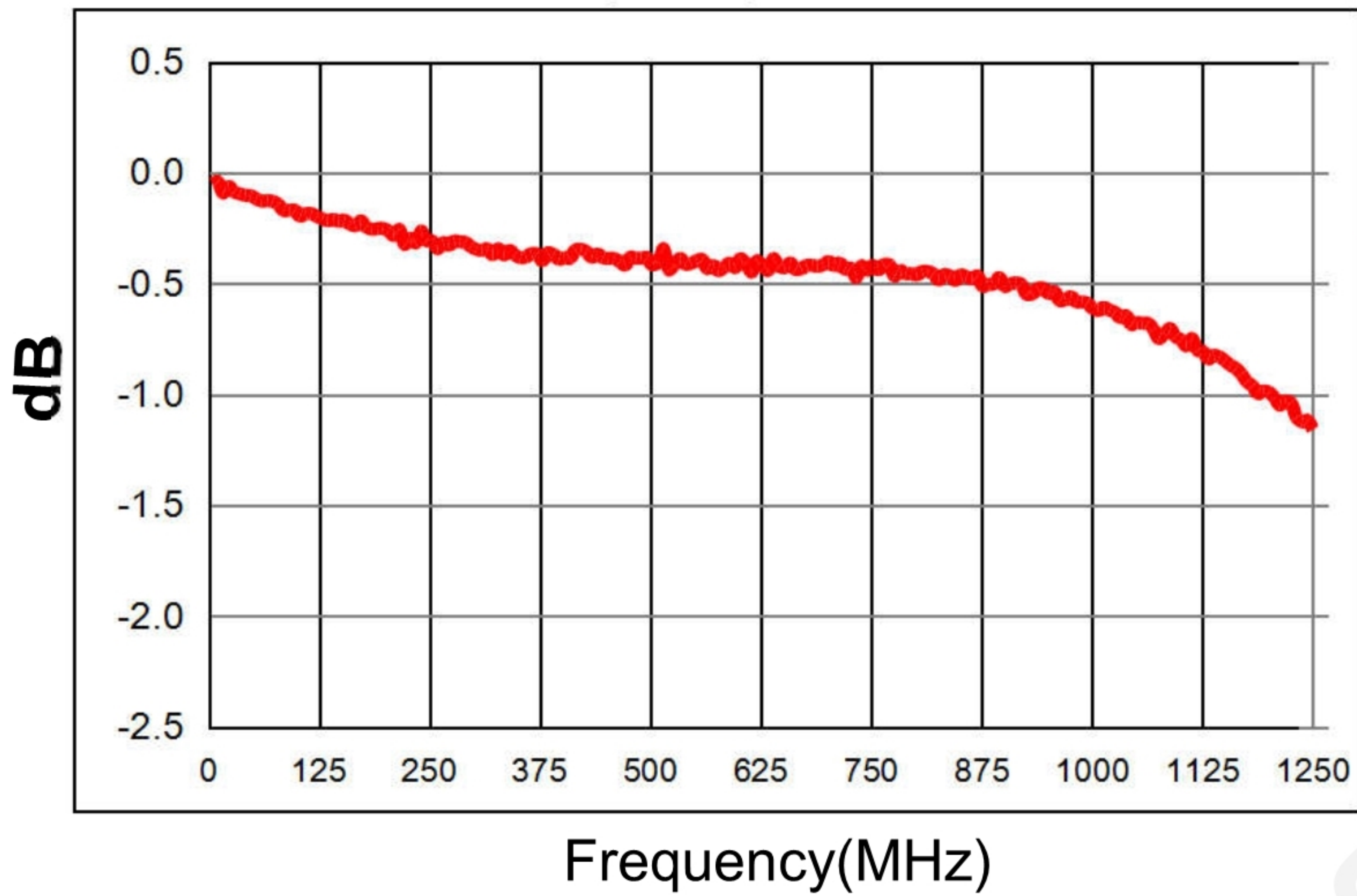
**Electrical Specifications:**  $T_A = 25^\circ\text{C}$   $Z_0 = 75\Omega$

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	—

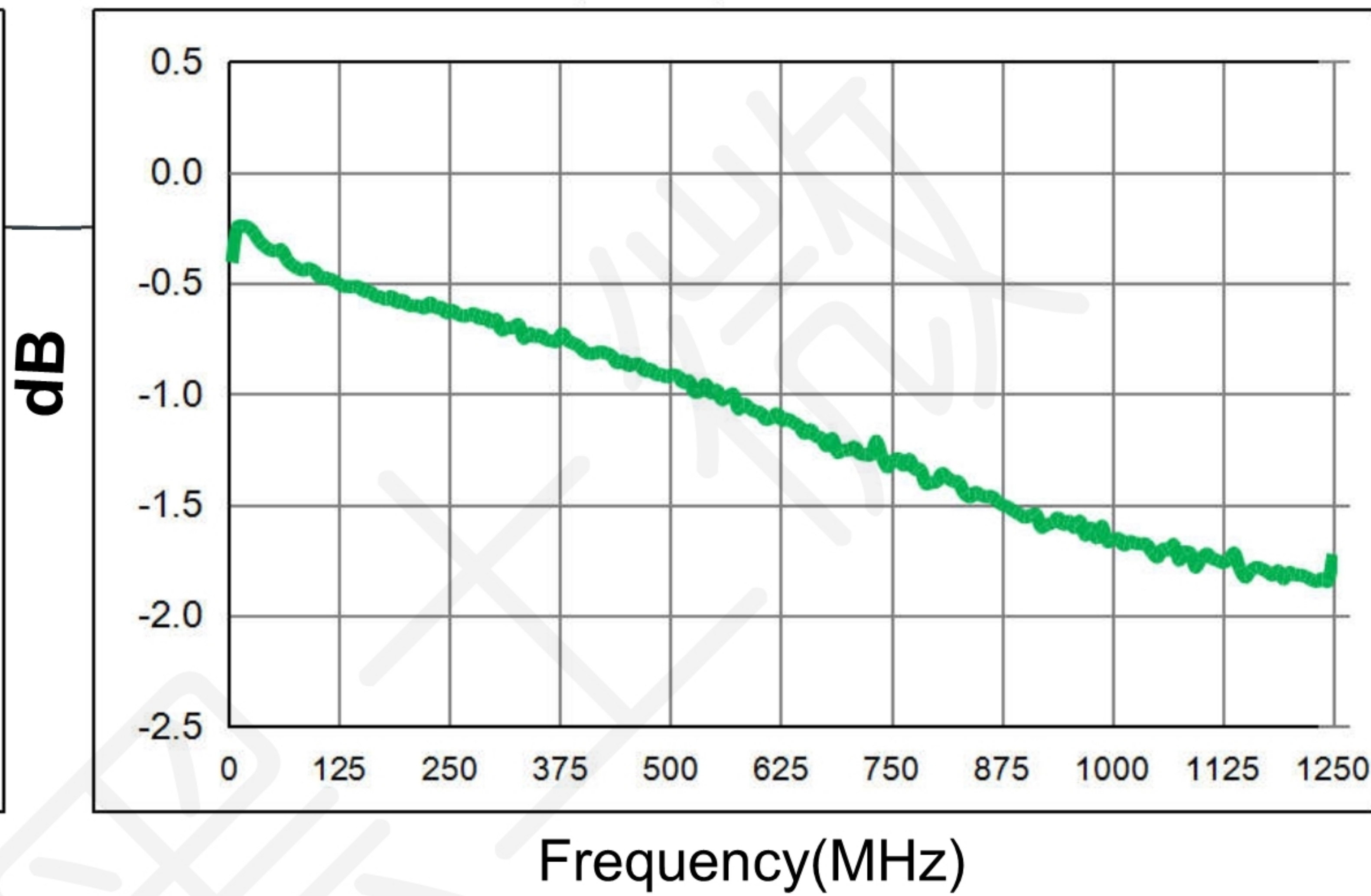




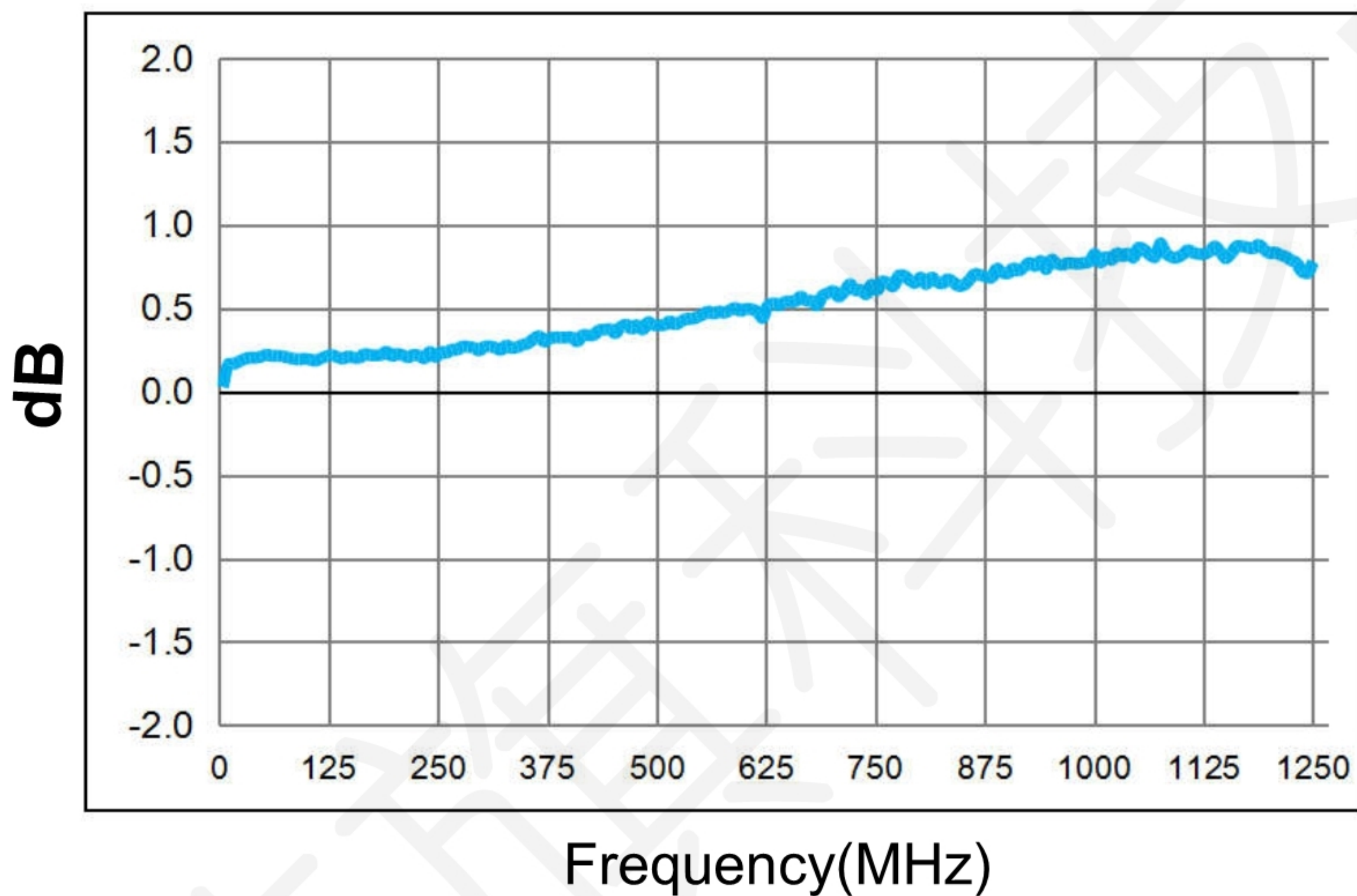
### Main line Loss(out1)



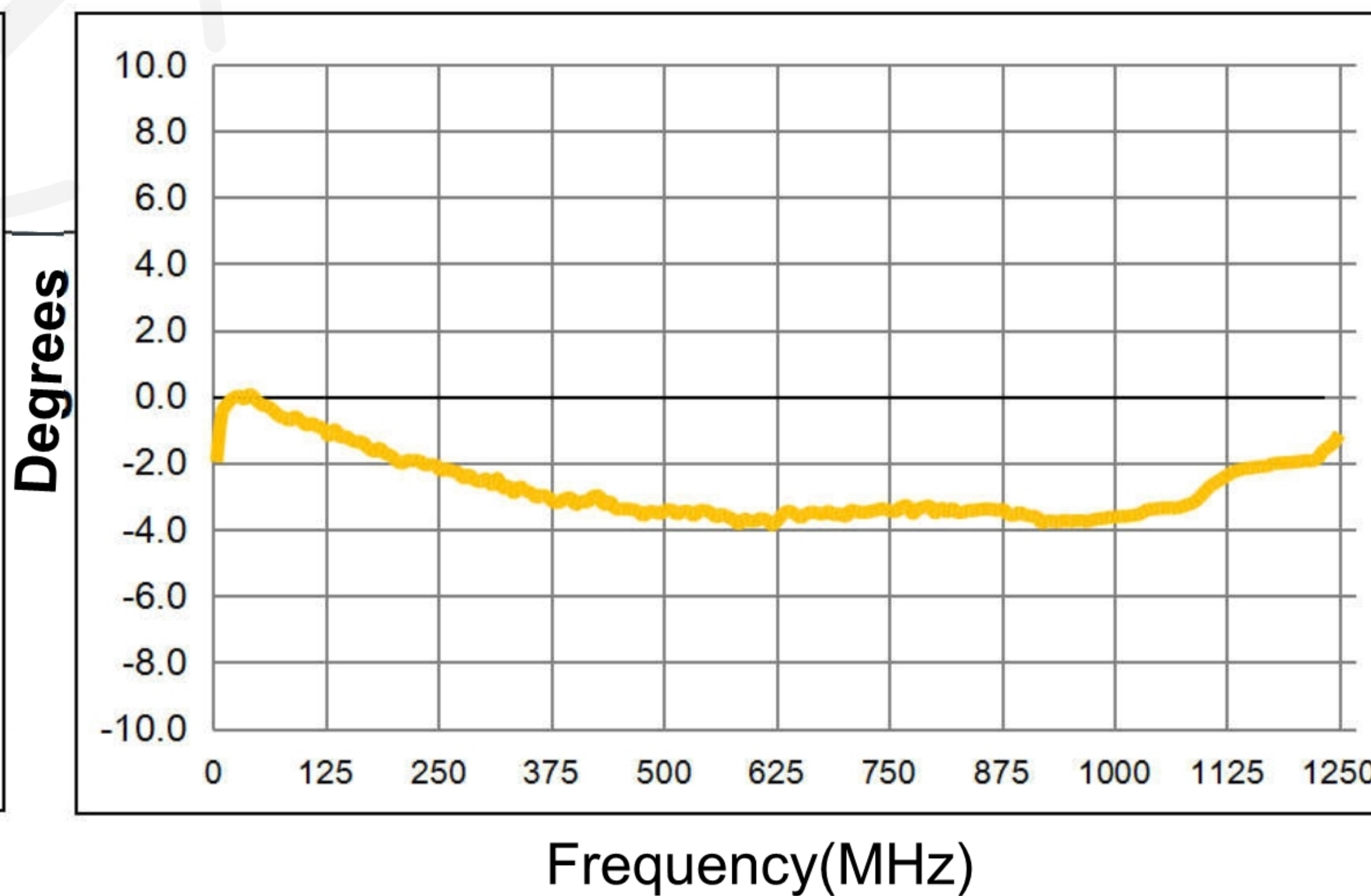
### Main line Loss(out2)



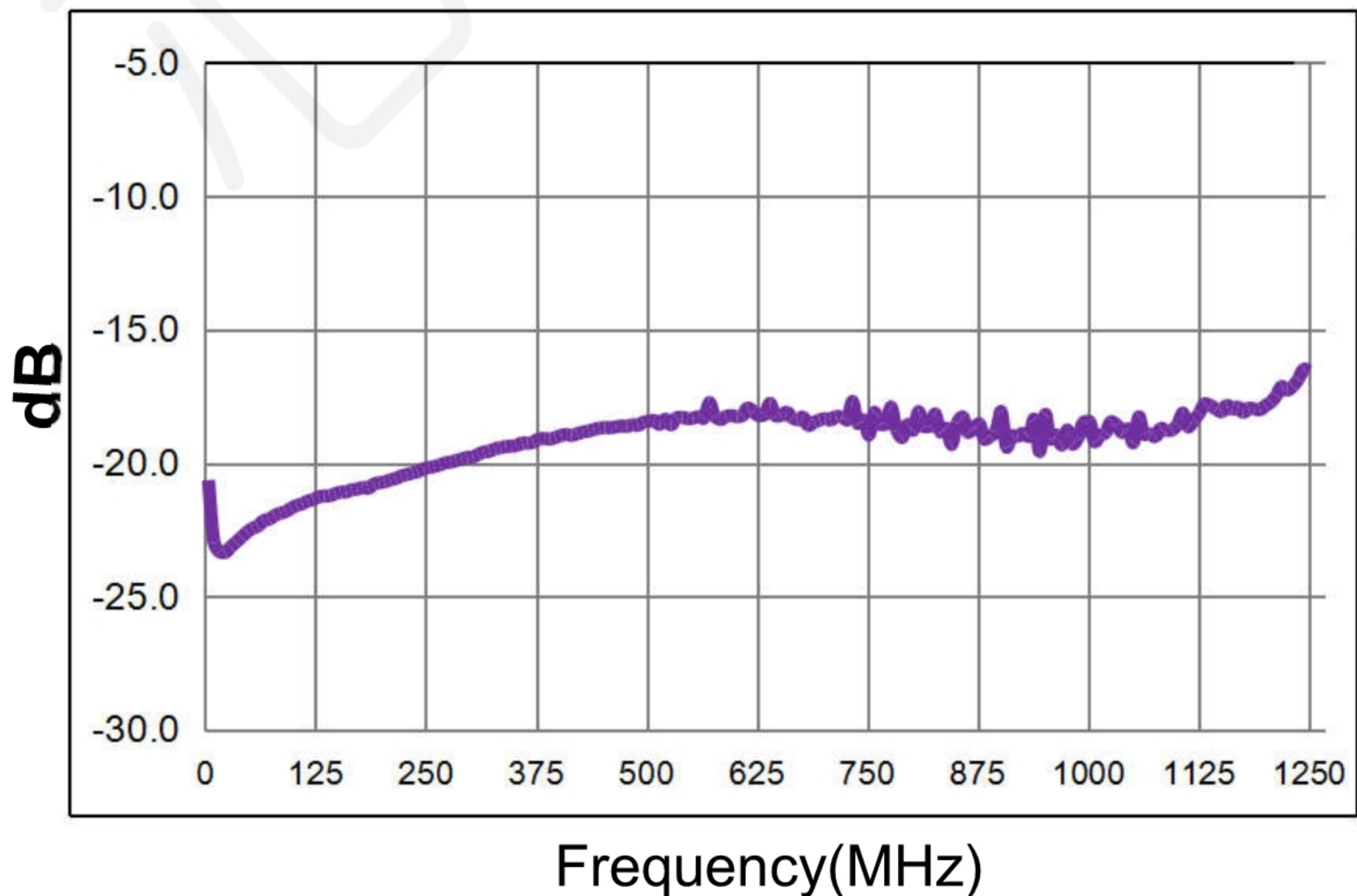
### Amplitude Balance



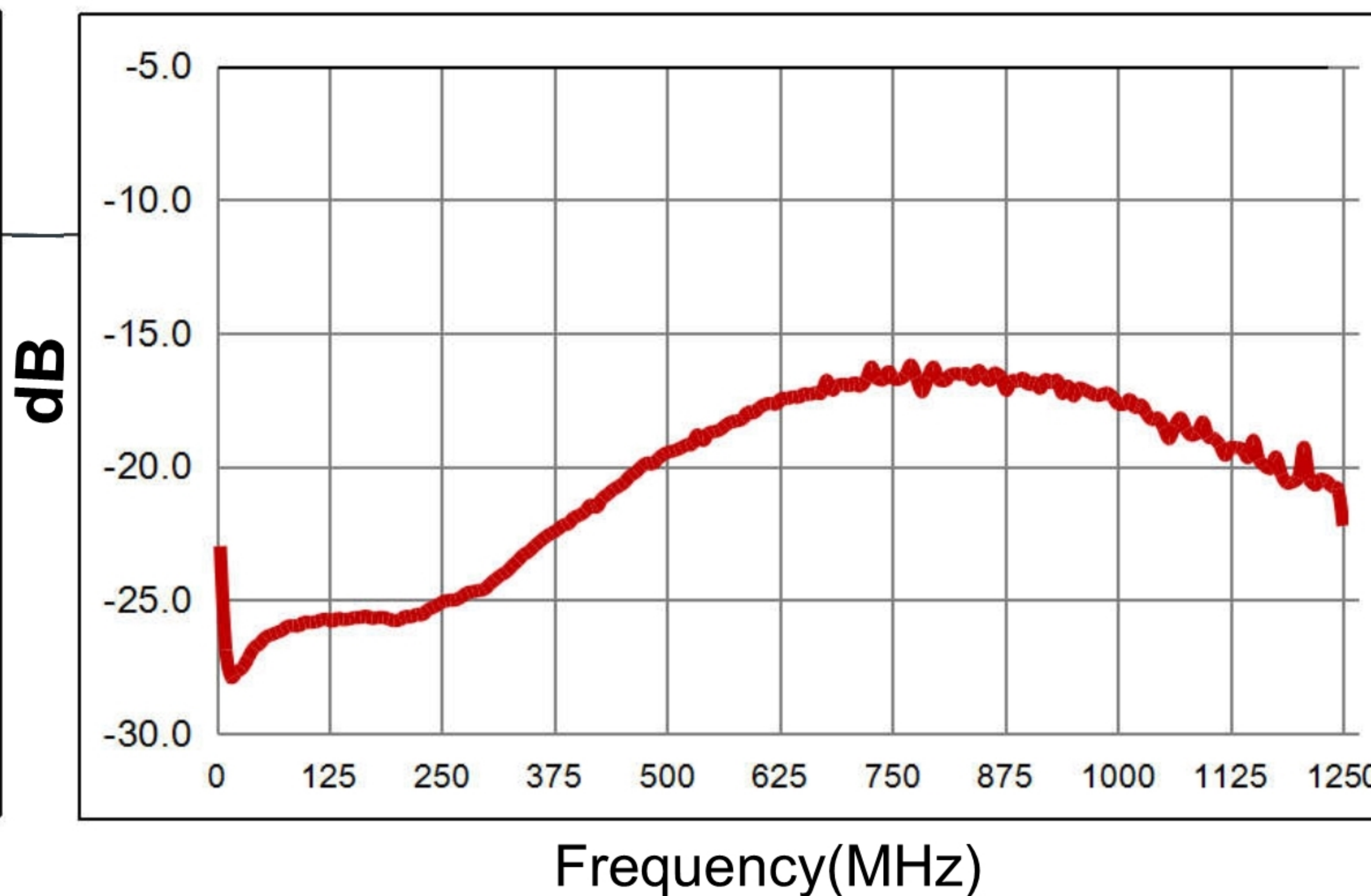
### Phase Balance



### Input Return Loss



### Sdd22

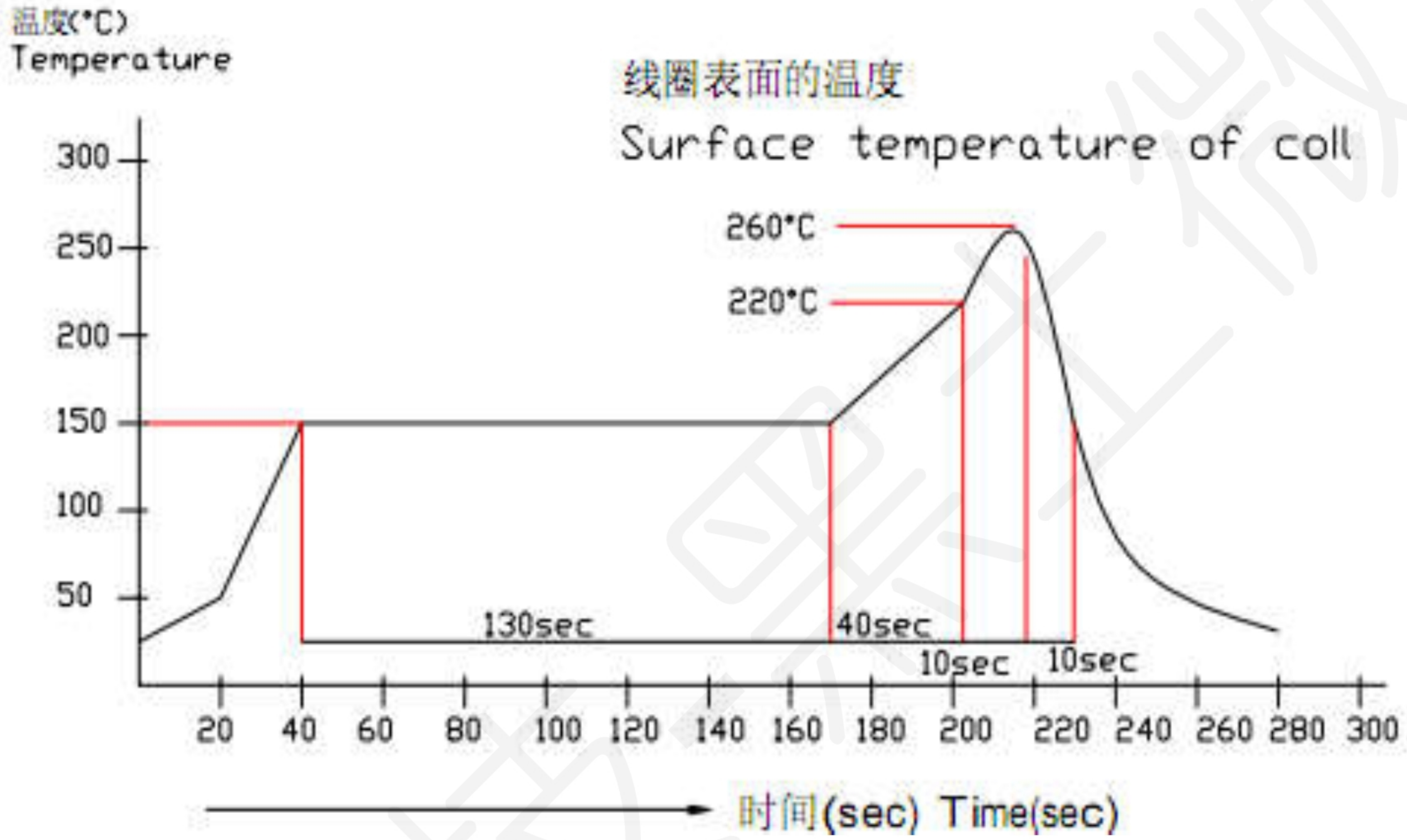




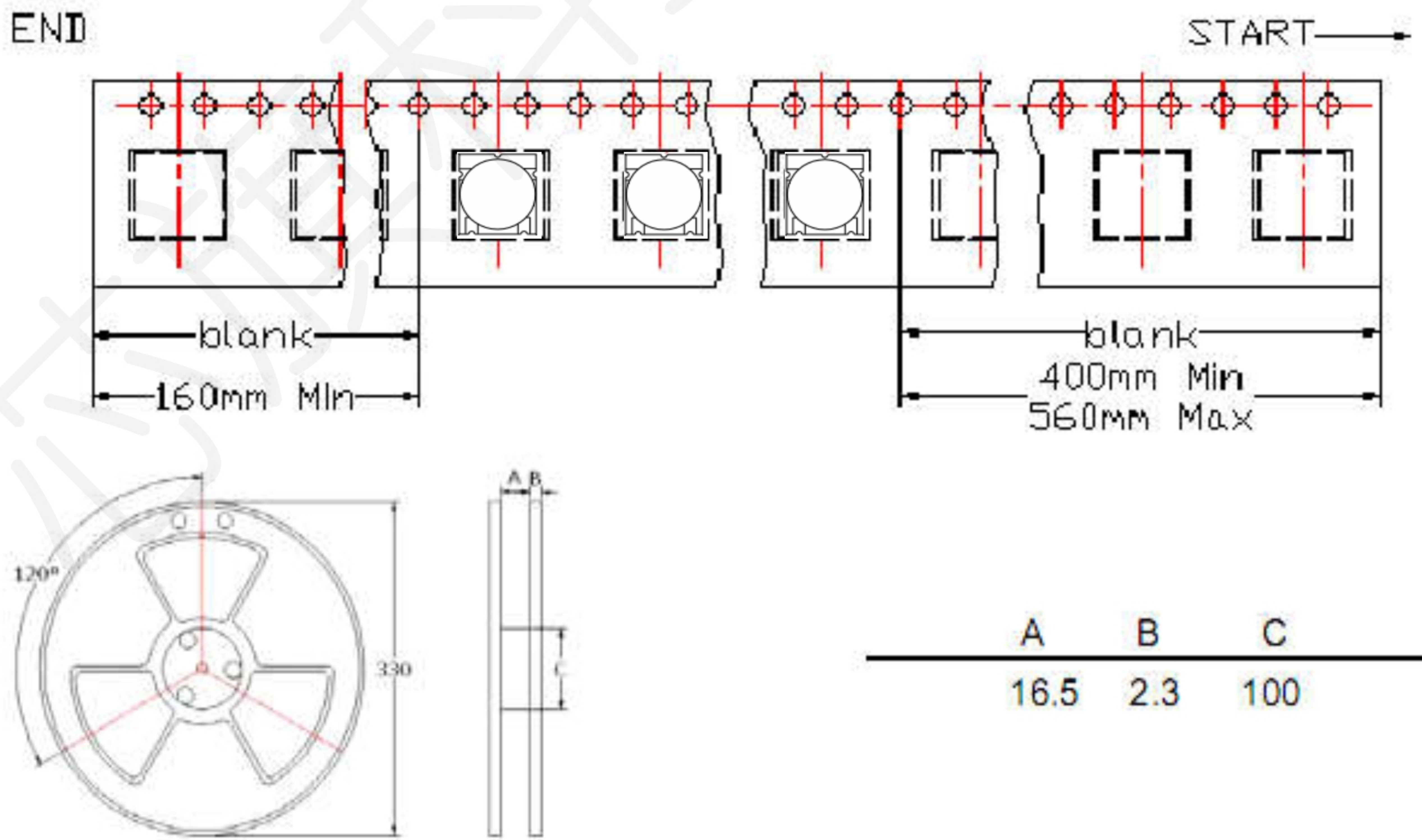
## Recommended Soldering Temperature Graph:



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



## Packaging Dimension For Carrier Tape(UNIT:mm):



### QUANTITY

1500 PCS/Reel

3Reels/Middle Carton

5 Middle Cartons/Big Carton/15,000pcs