



Features::

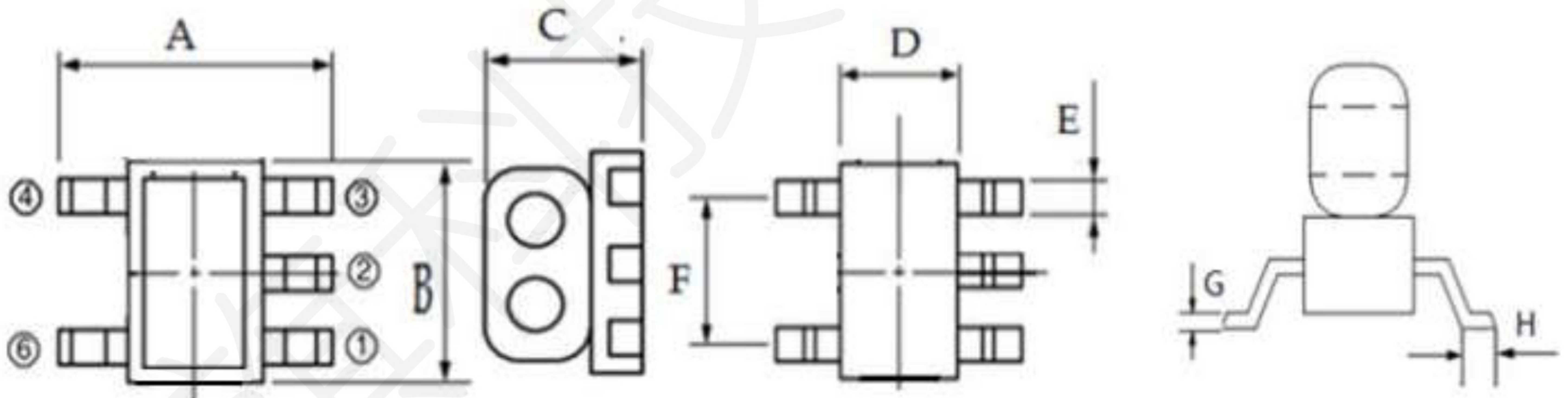
- ◆ 75 Ω Characteristic Impedance
- ◆ Frequency: 5 to 200 MHz
- ◆ RF power: 0.3W
- ◆ DC current: 500mA
- ◆ Operating temperature range: -40°C to +85°C
- ◆ Storage temperature range: -55°C to +100°C



Applications:

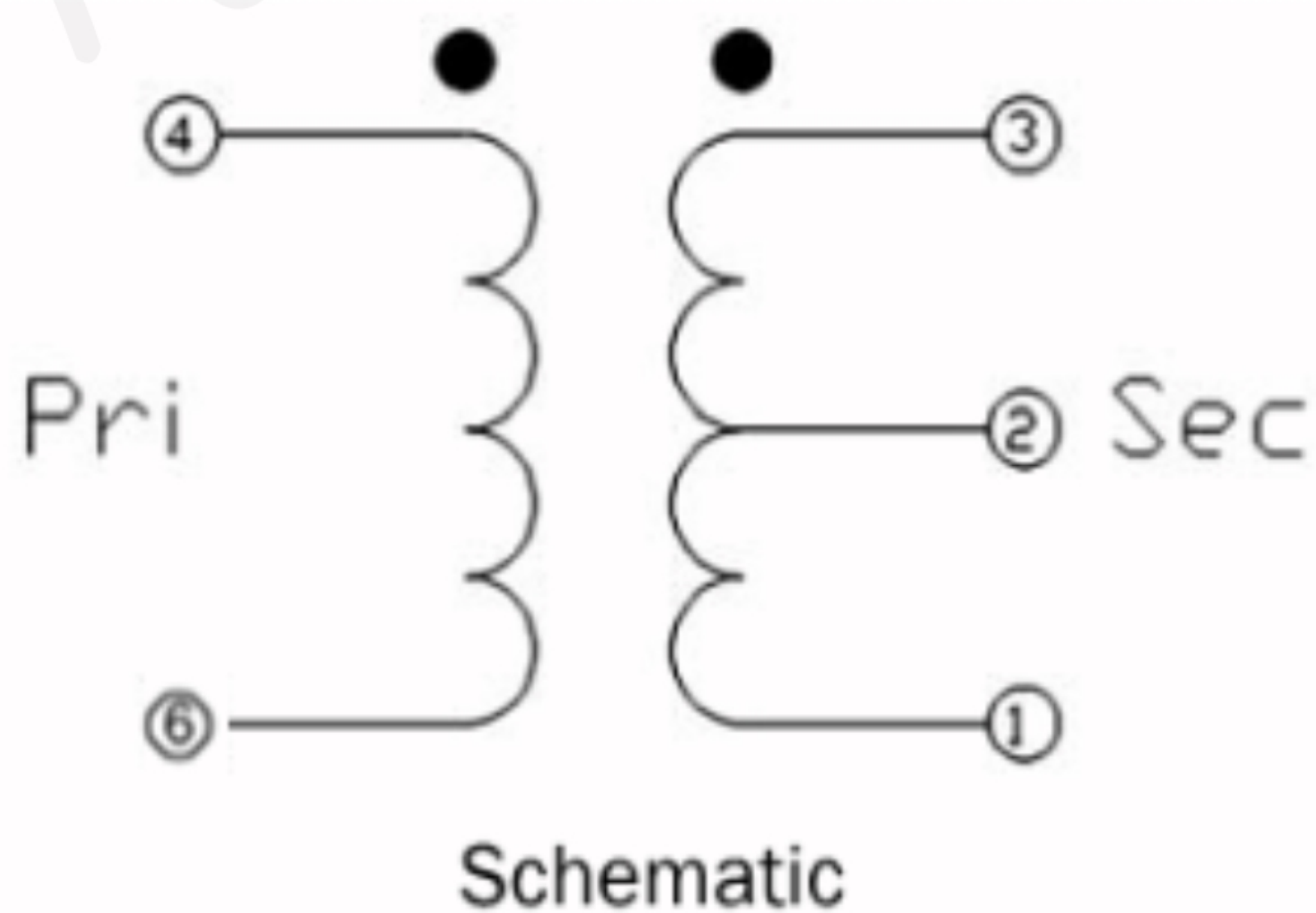
- ◆ For broadband and wireless communications
- ◆ For VHF/UHF receivers/transmitters and push-pull amplifiers

Dimension Diagram (Unit:mm) :

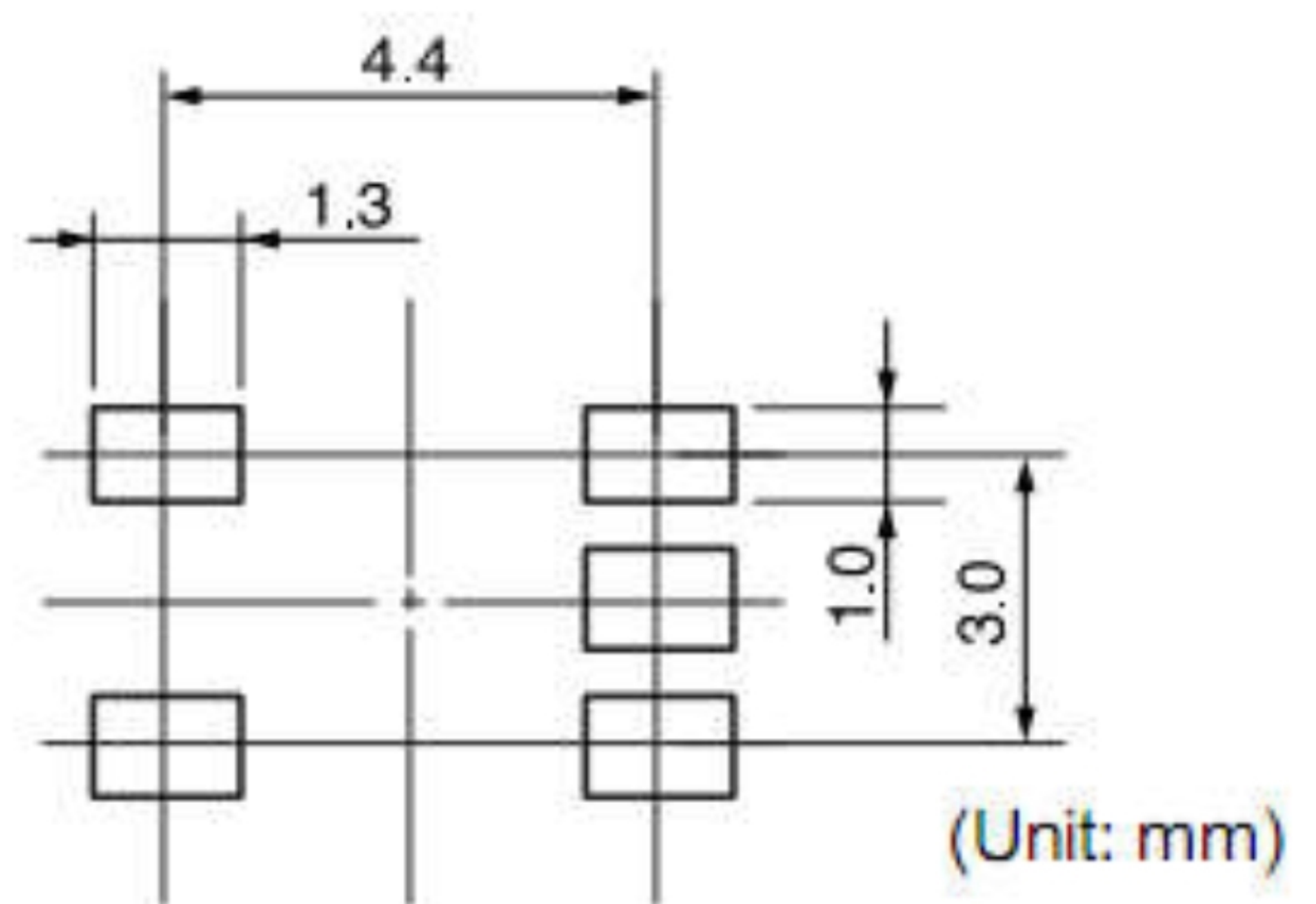


A=5.10±0.20 B=4.30±0.20 C=3.50Max D=2.60±0.20 E=0.50±0.05 F=3.00±0.10 G=0.25±0.05 H=0.60±0.10

Electrical structure:



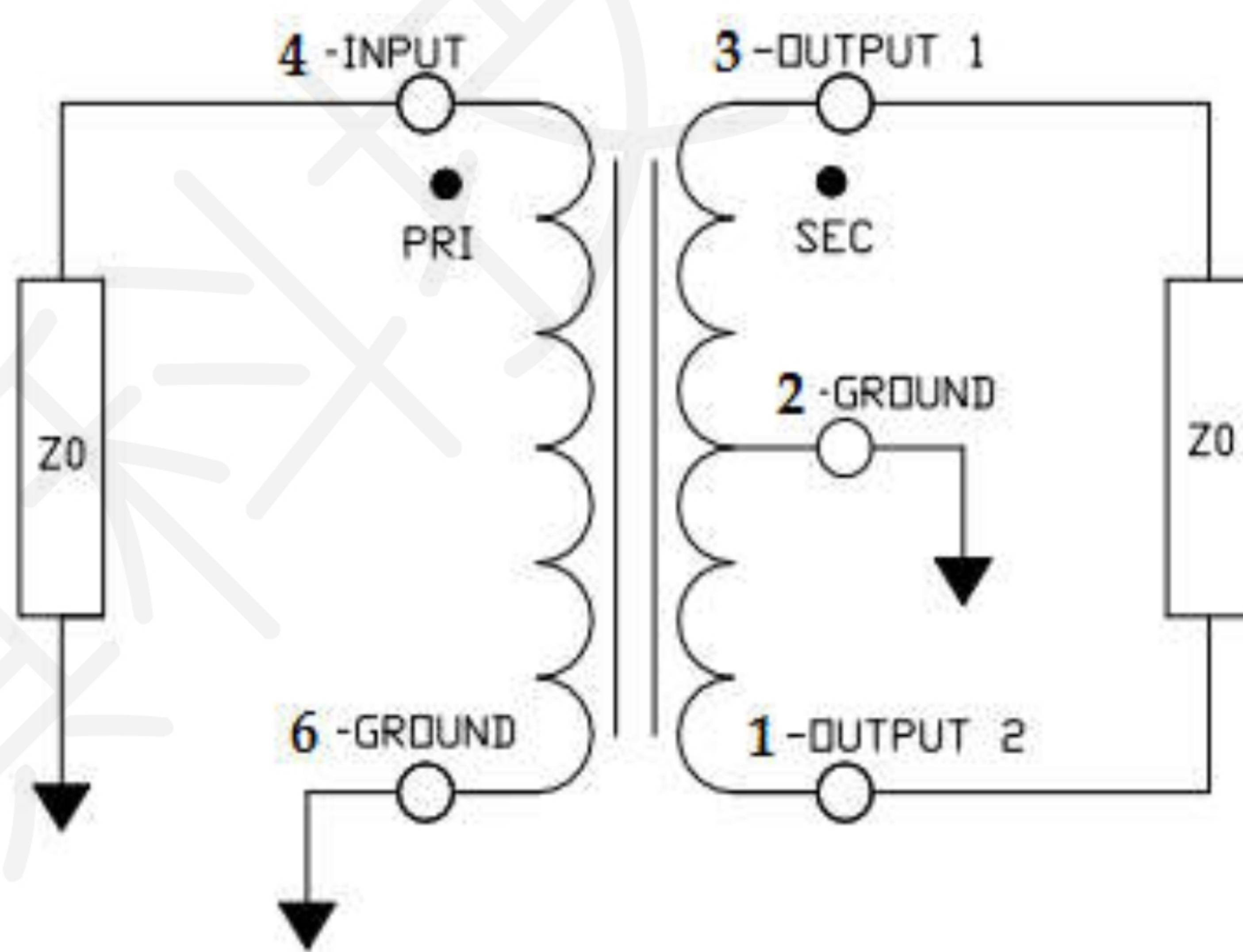
Recommended layout:



Pin configuration:

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

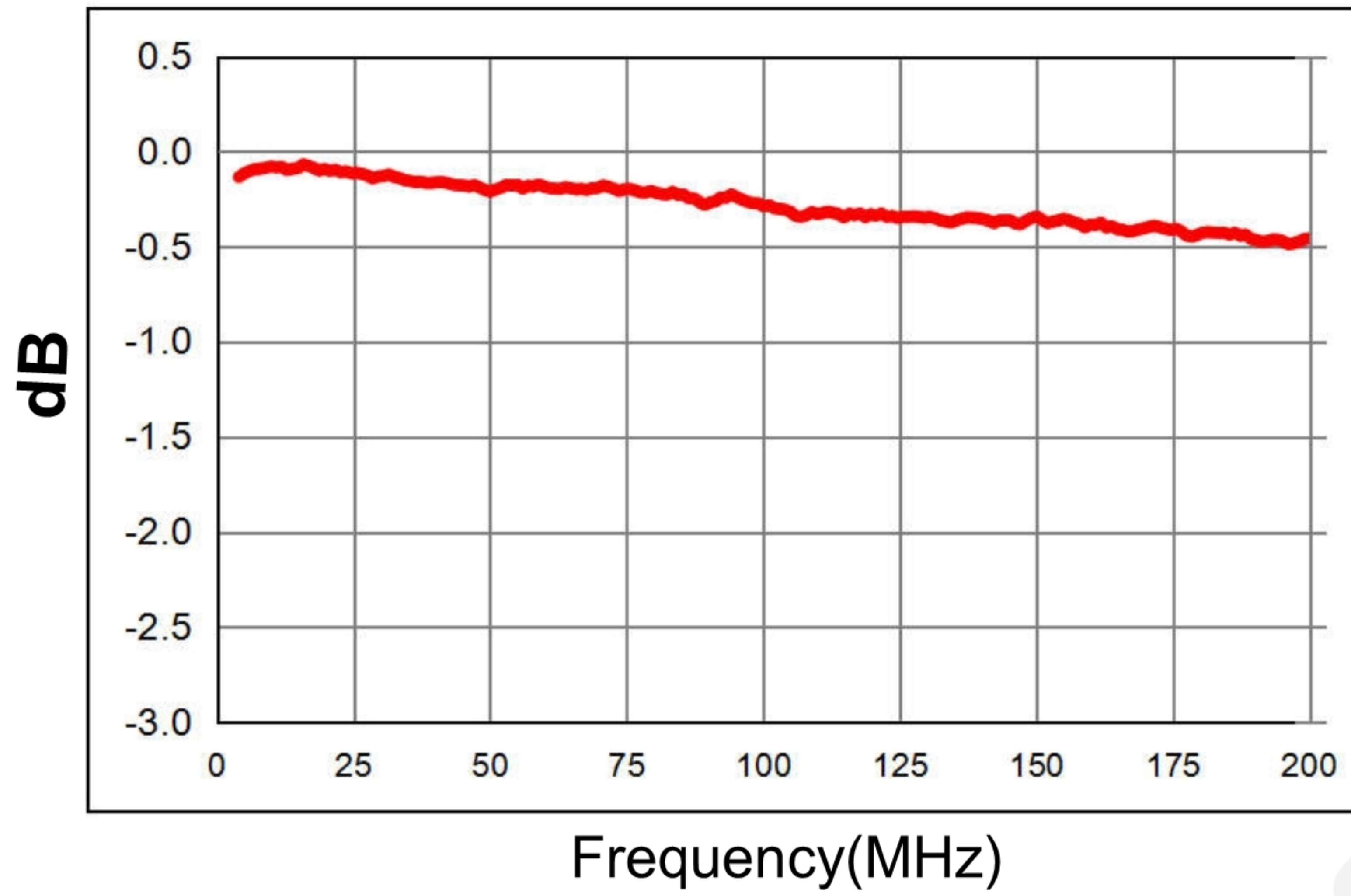
Application circuit :



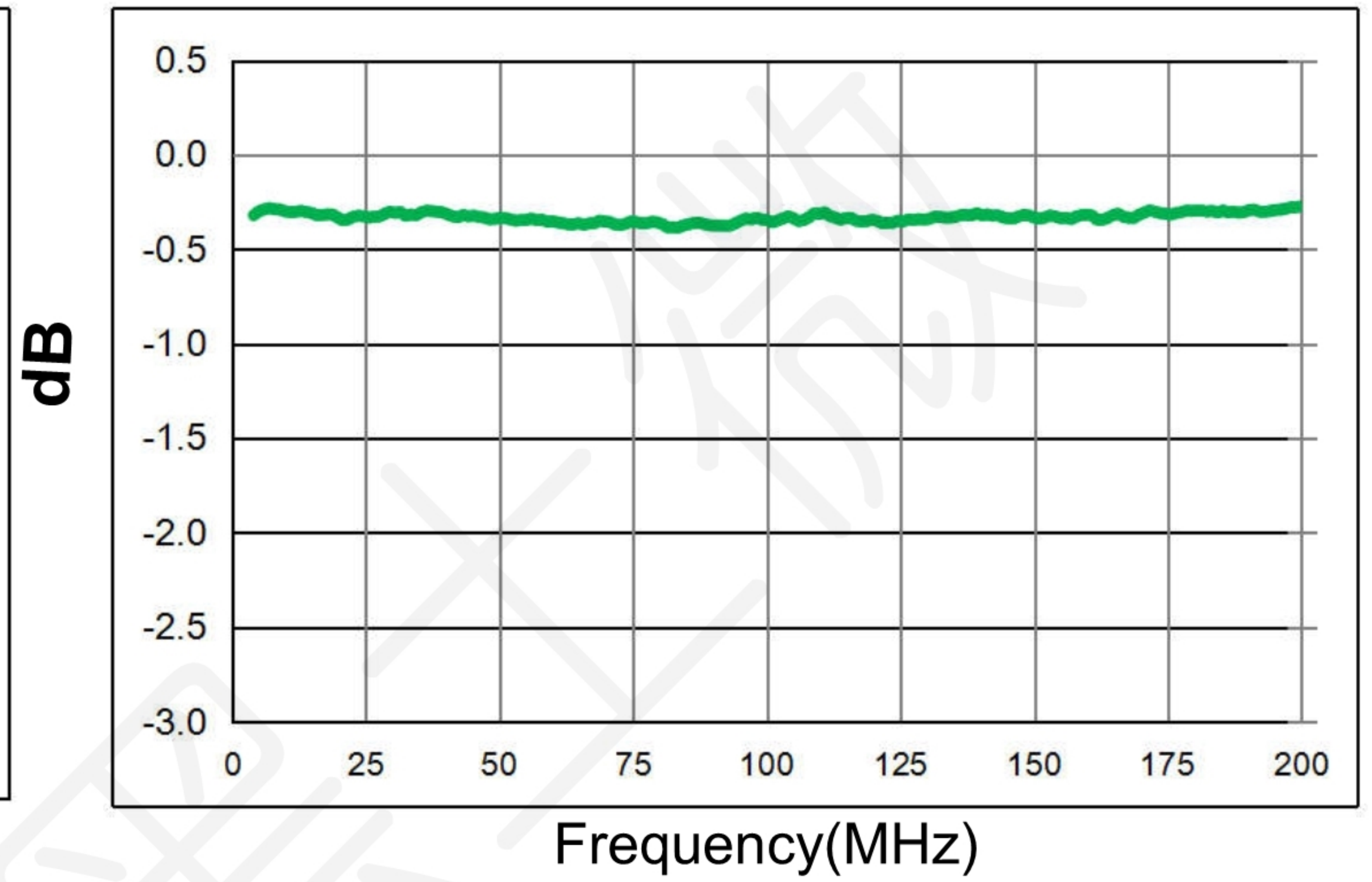
Electrical Specifications: $T_A = 25^\circ\text{C}$ $Z_0 = 75\Omega$

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss(out1)	5-200MHz	dB	—	0.4	1.5
Main line Loss(out2)	5-200MHz	dB	—	0.3	1.2
Amplitude Balance	5-200MHz	dB	—	0.3	0.6
Phase Balance	5-200MHz	Degrees	—	0.0	8.0
Input Return Loss	5-200MHz	dB	10.0	22.0	—

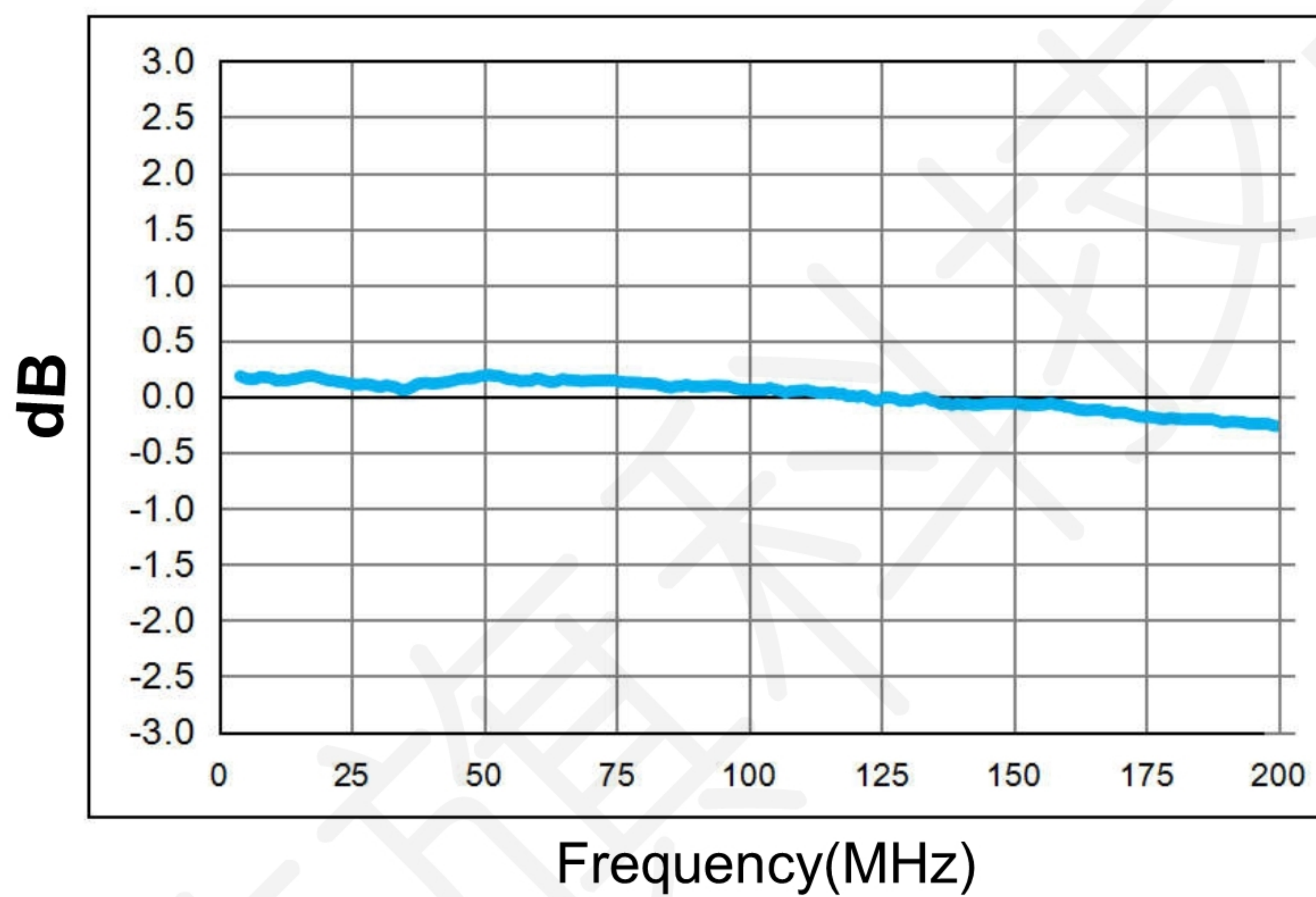
Main line Loss(out1)



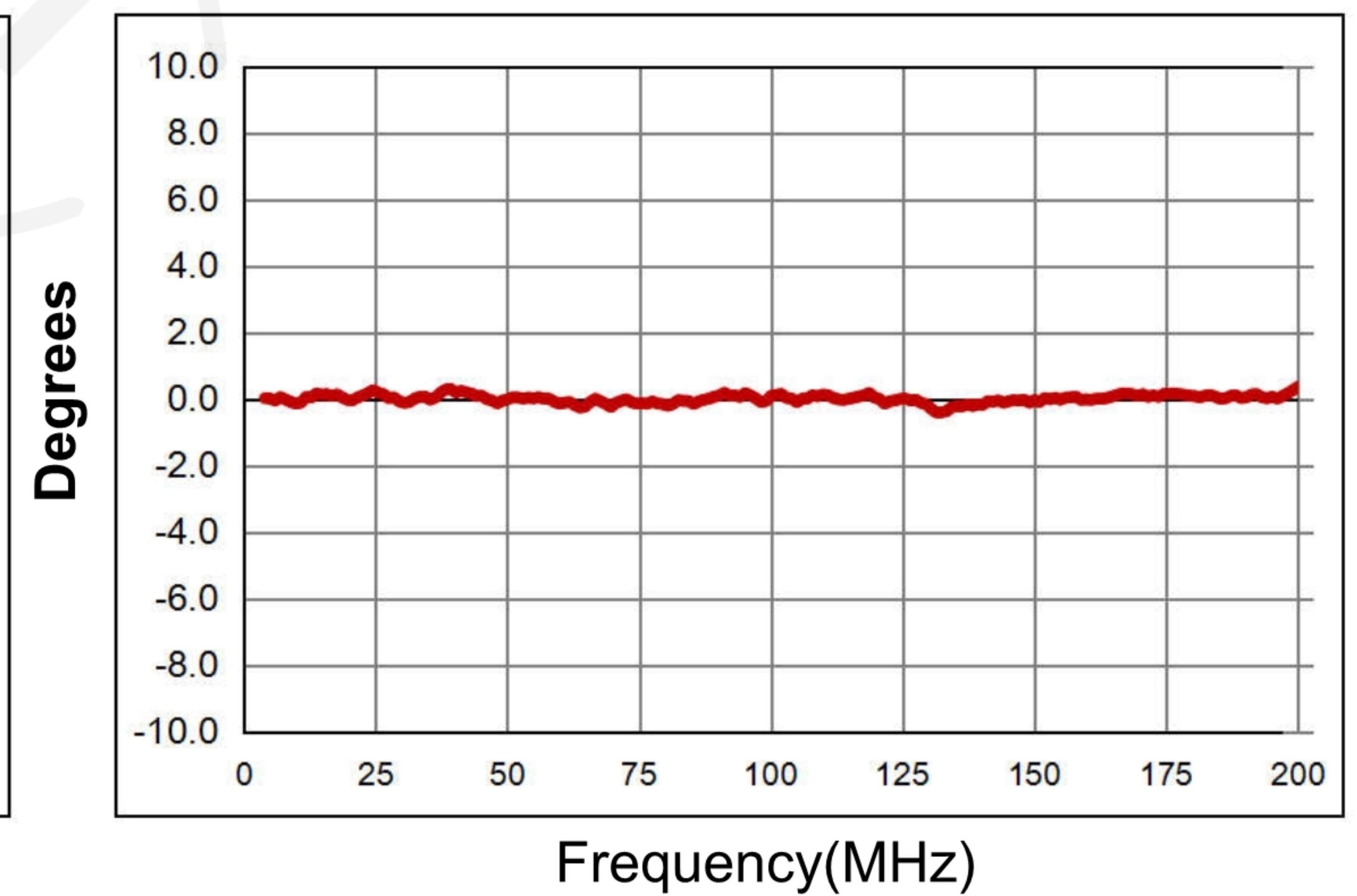
Main line Loss(out2)



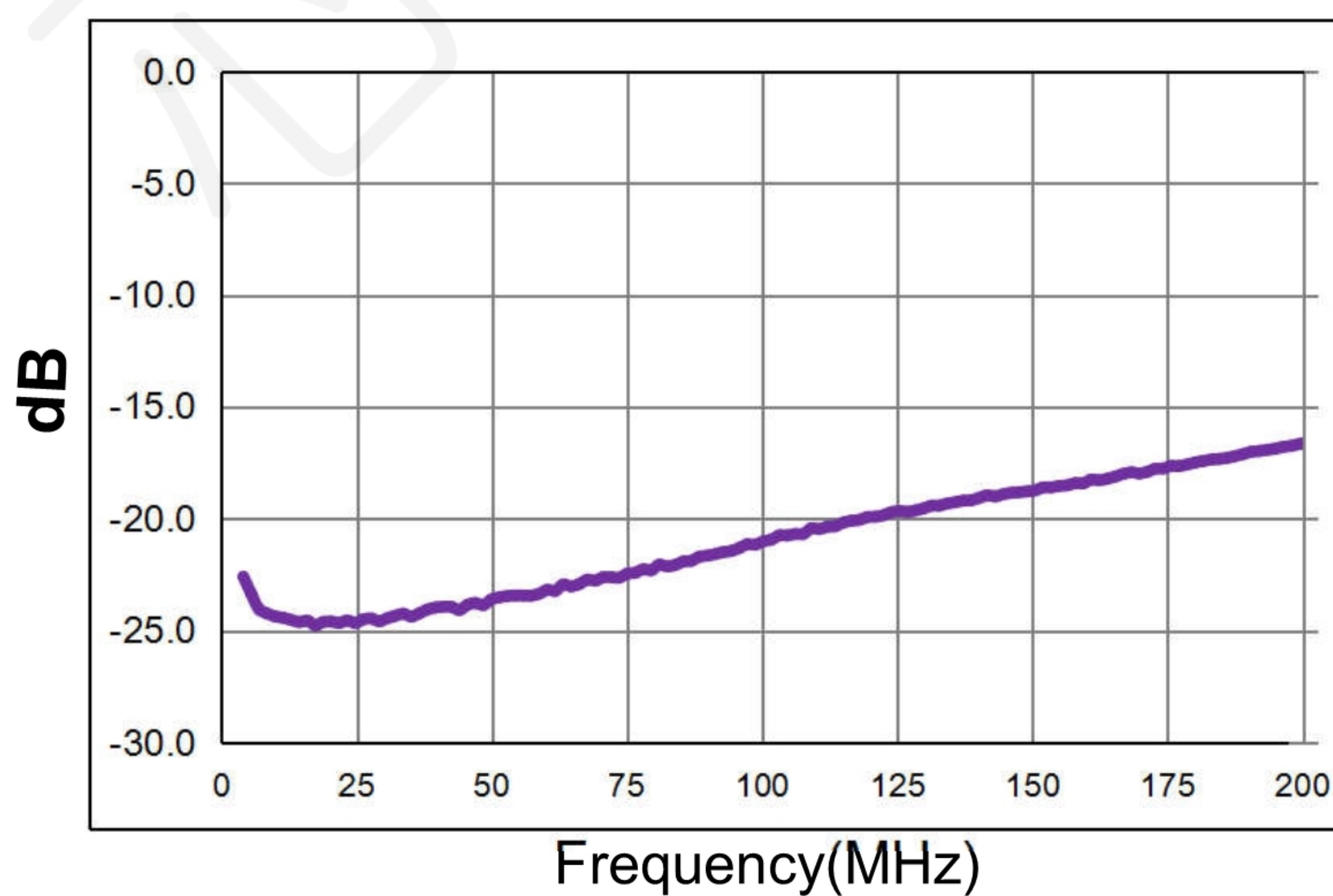
Amplitude Balance



Phase Balance



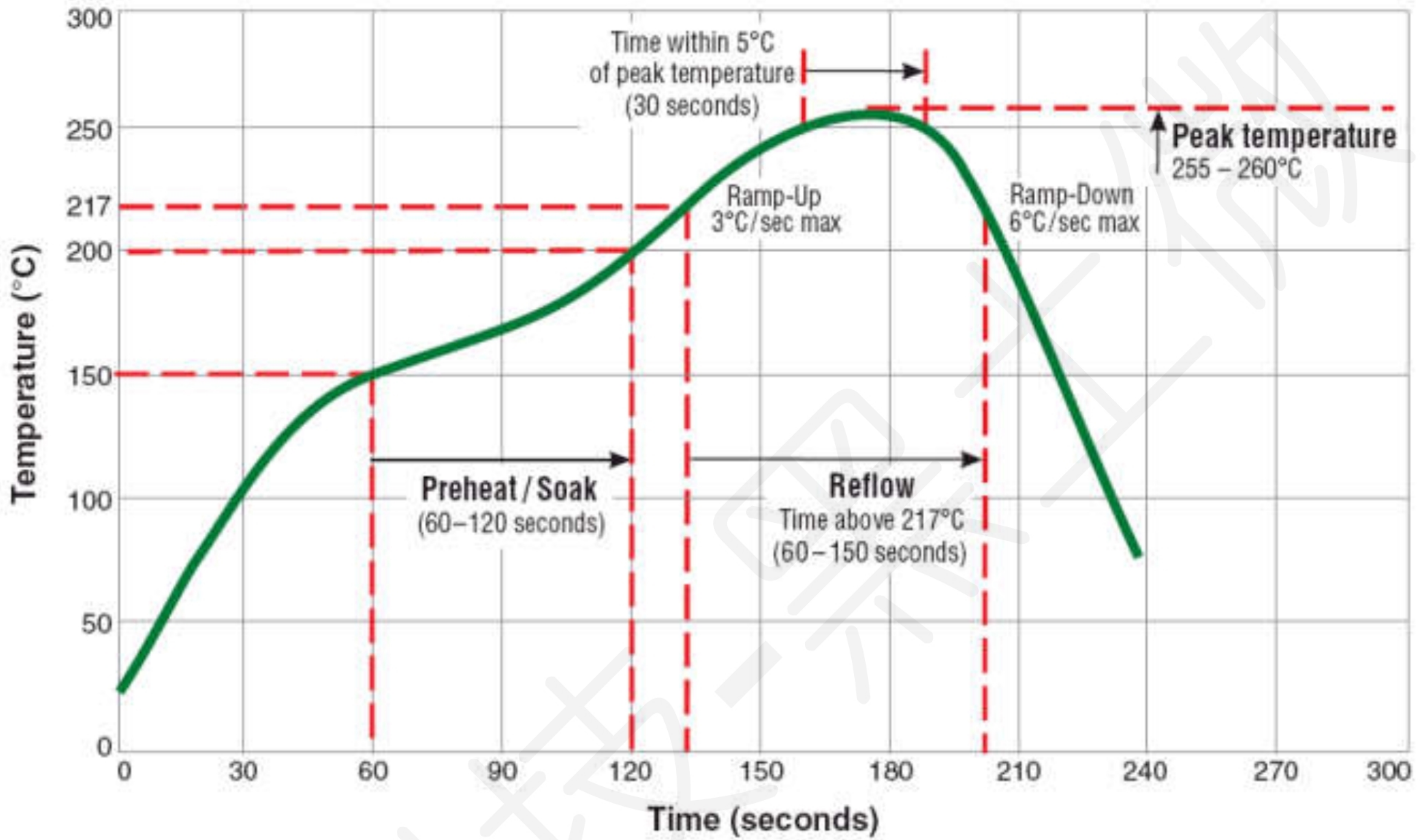
Input Return Loss



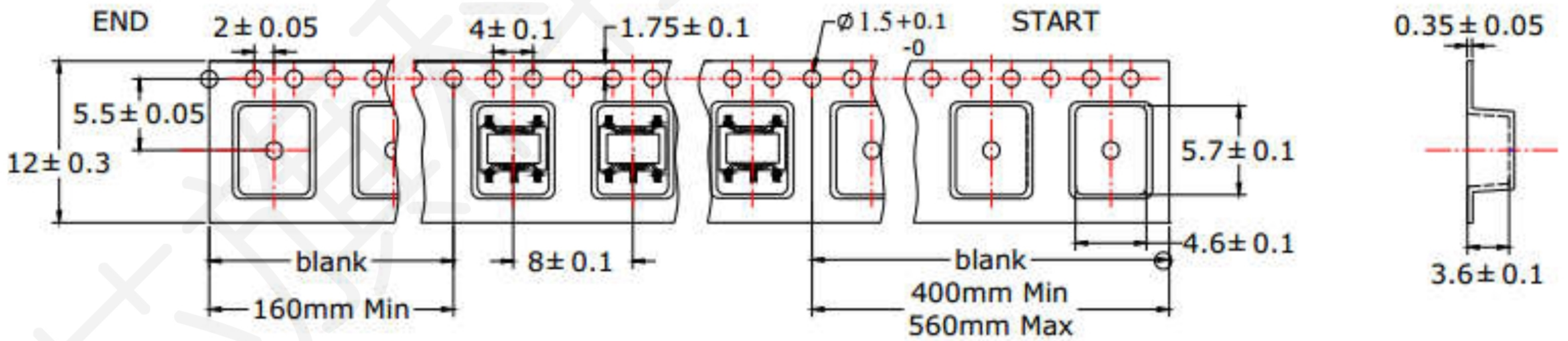
Frequency(MHz)

Recommended Soldering Temperature Graph:

Typical RoHS Reflow Profile

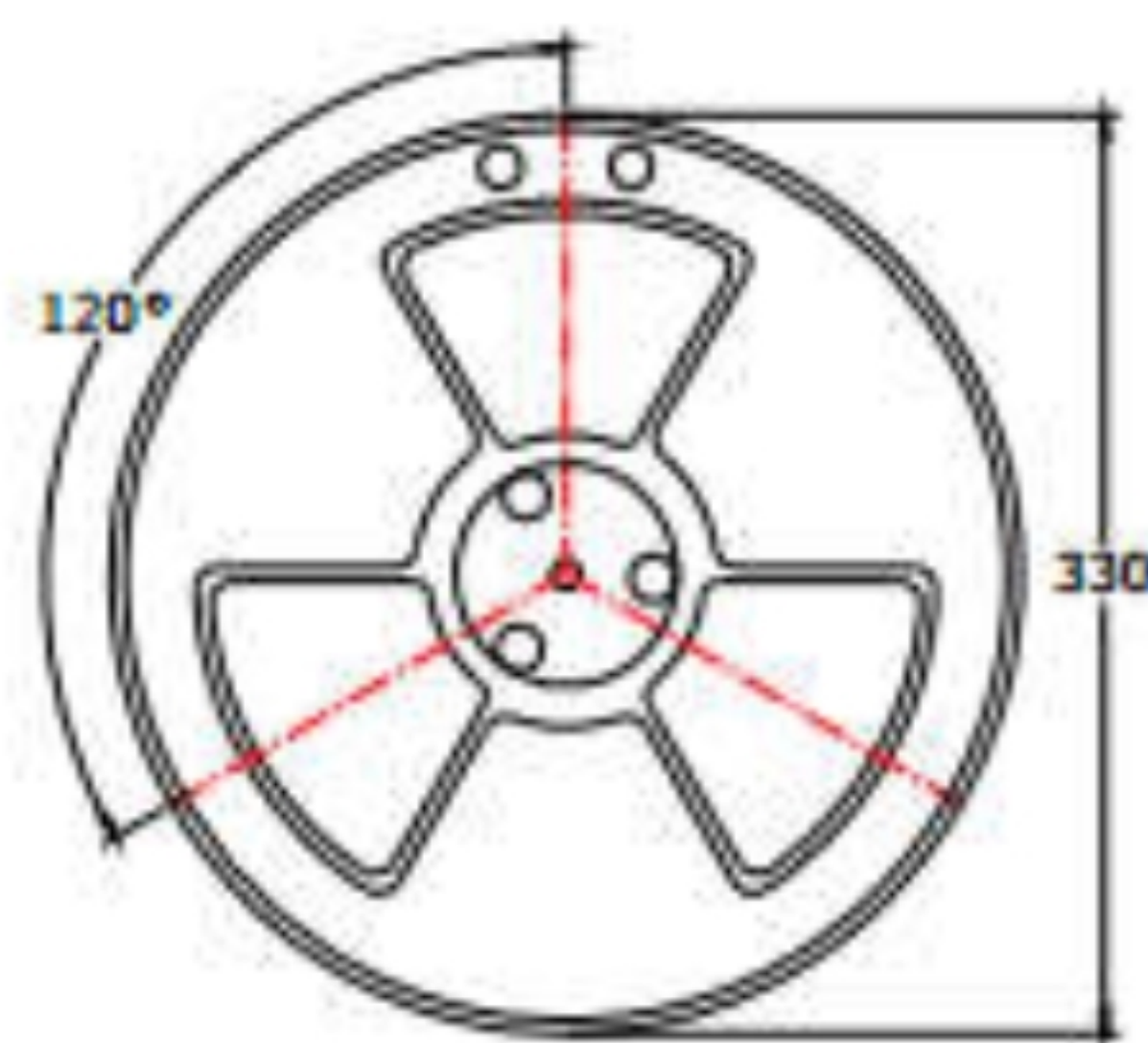


Packging Dimension For Caeier Tape(UNIT:mm):



QUANTITY

2000PCS/Reel
 4Reels/Middle Carton Middle Carton:
 4 Middle Cartons/Big Carton
 32000PCS/ Big Carton



SPEC	8	12	16	24
DIM A±0.1	8.5	12.5	16.5	24.5
DIM B±0.1	2.3	2.3	2.3	2.3
DIM C±0.1	100	100	100	100

