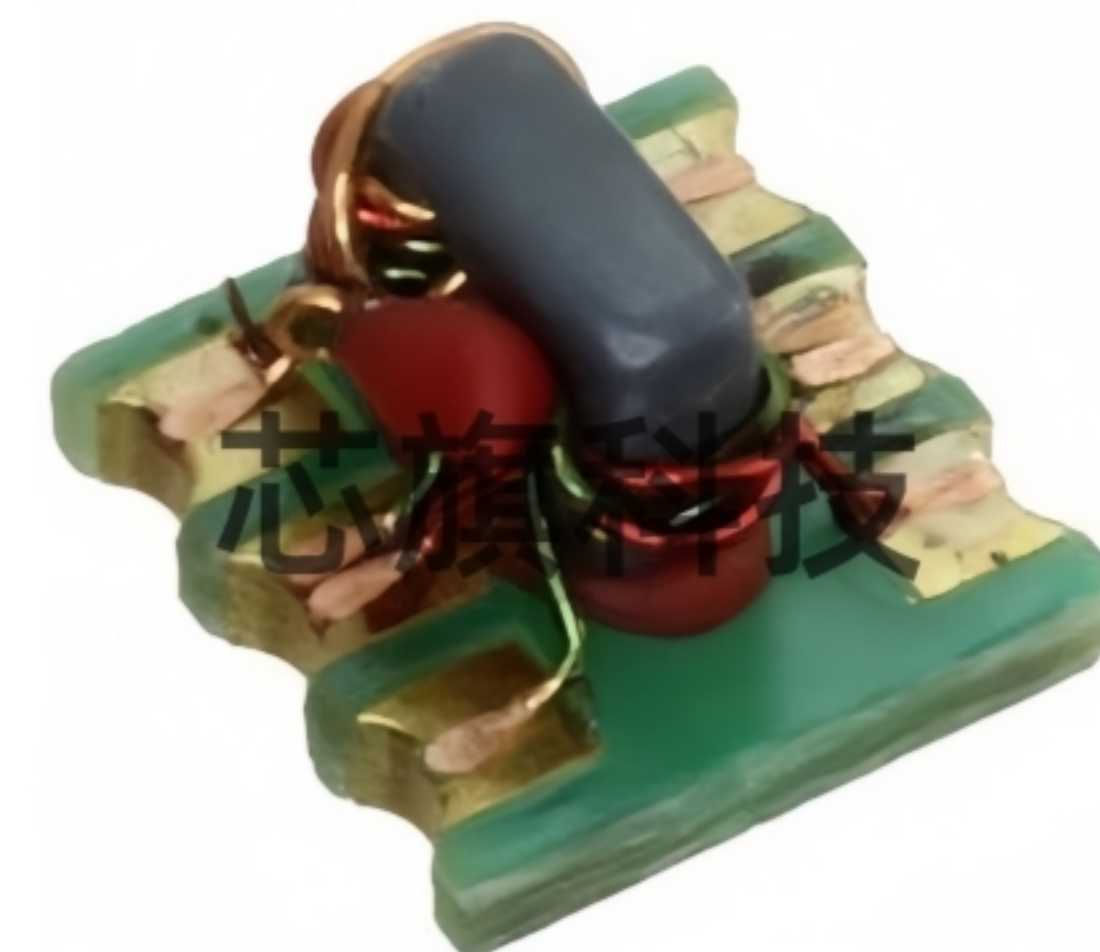


Features::

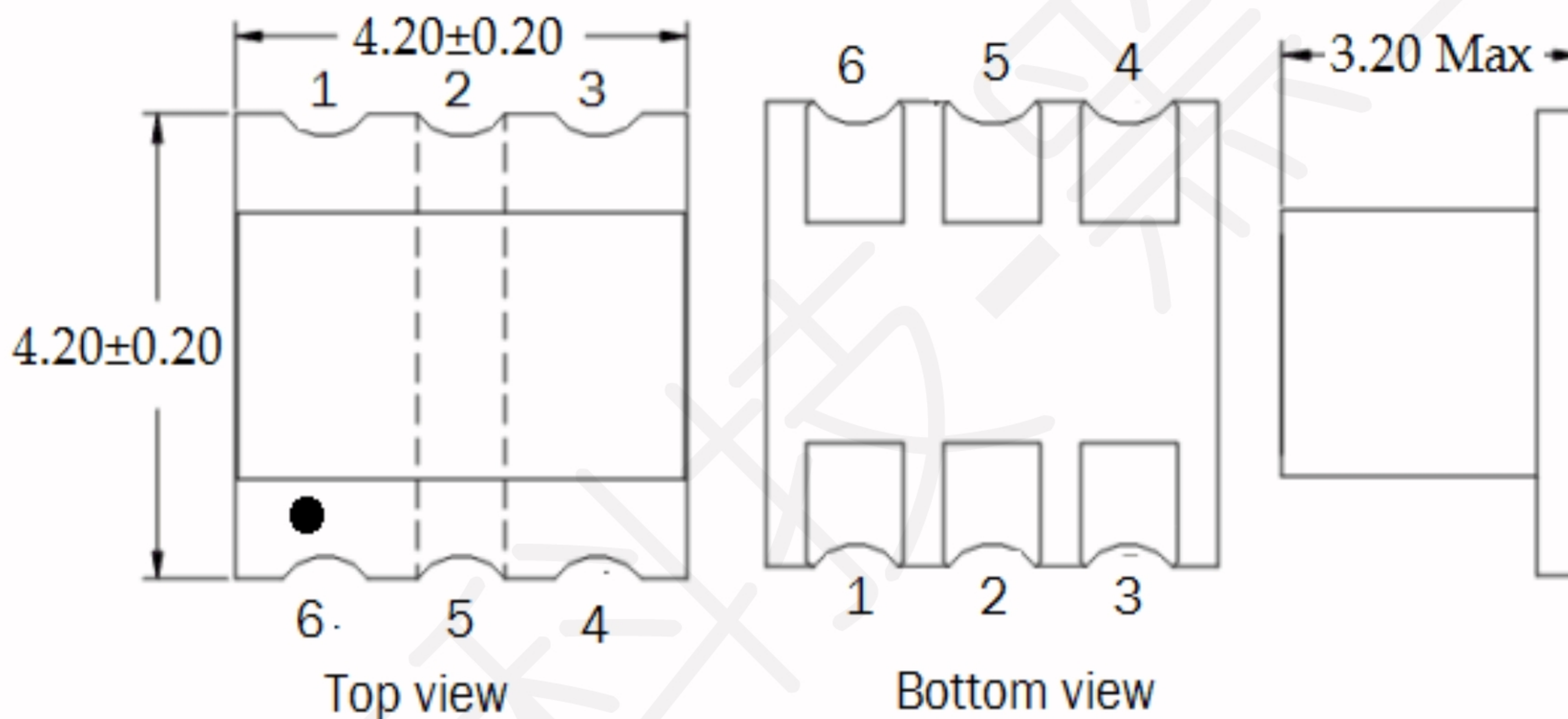


- ◆ Way-0° Power Splitter/Combiner
- ◆ 75Ω Characteristic Impedance
- ◆ Power Input(as a splitter): 0.50W Max
- ◆ DC current: 30mA
- ◆ Operating temperature range: -40℃ to +85℃
- ◆ Storage temperature range: -55℃ to +100℃



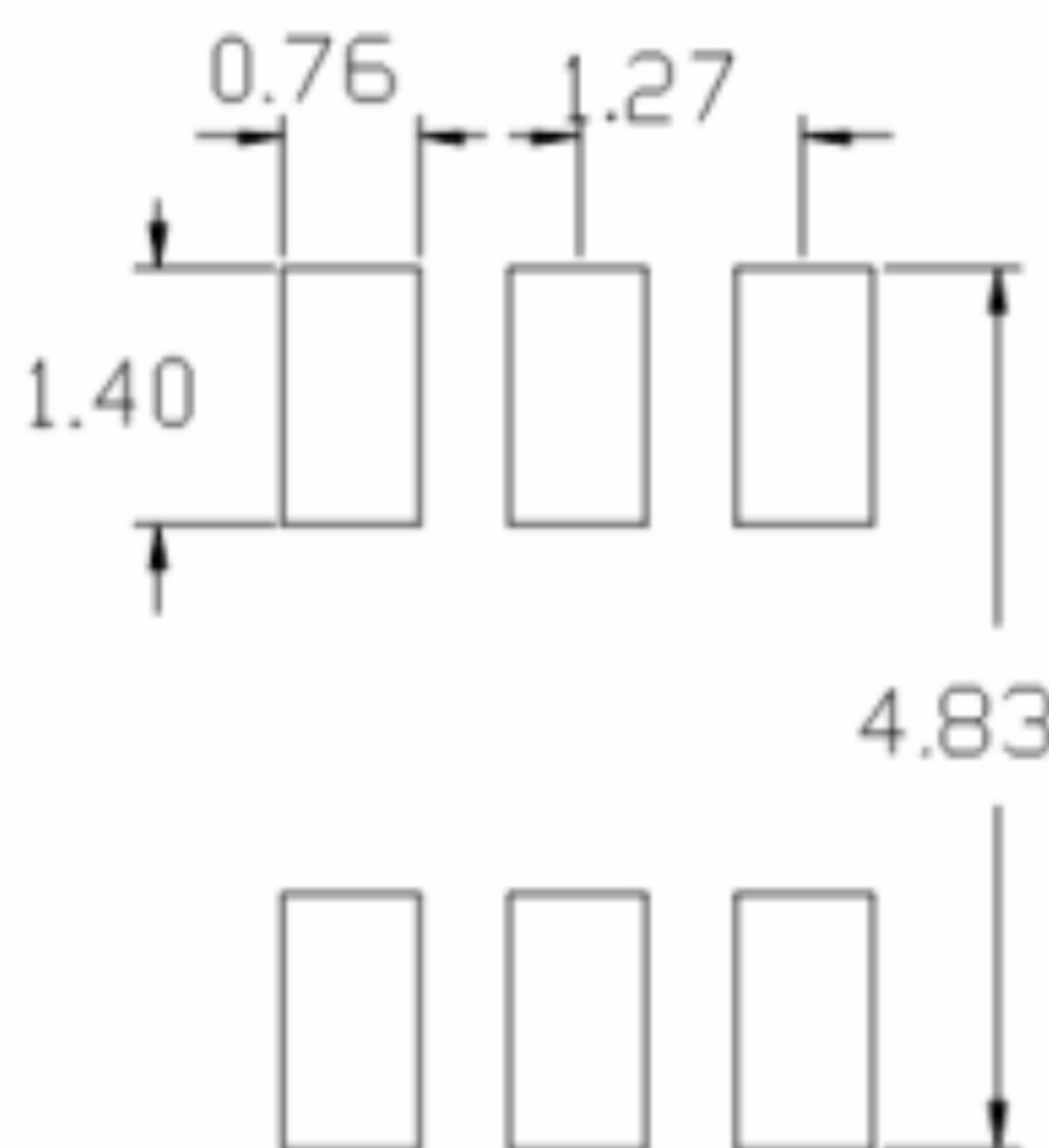
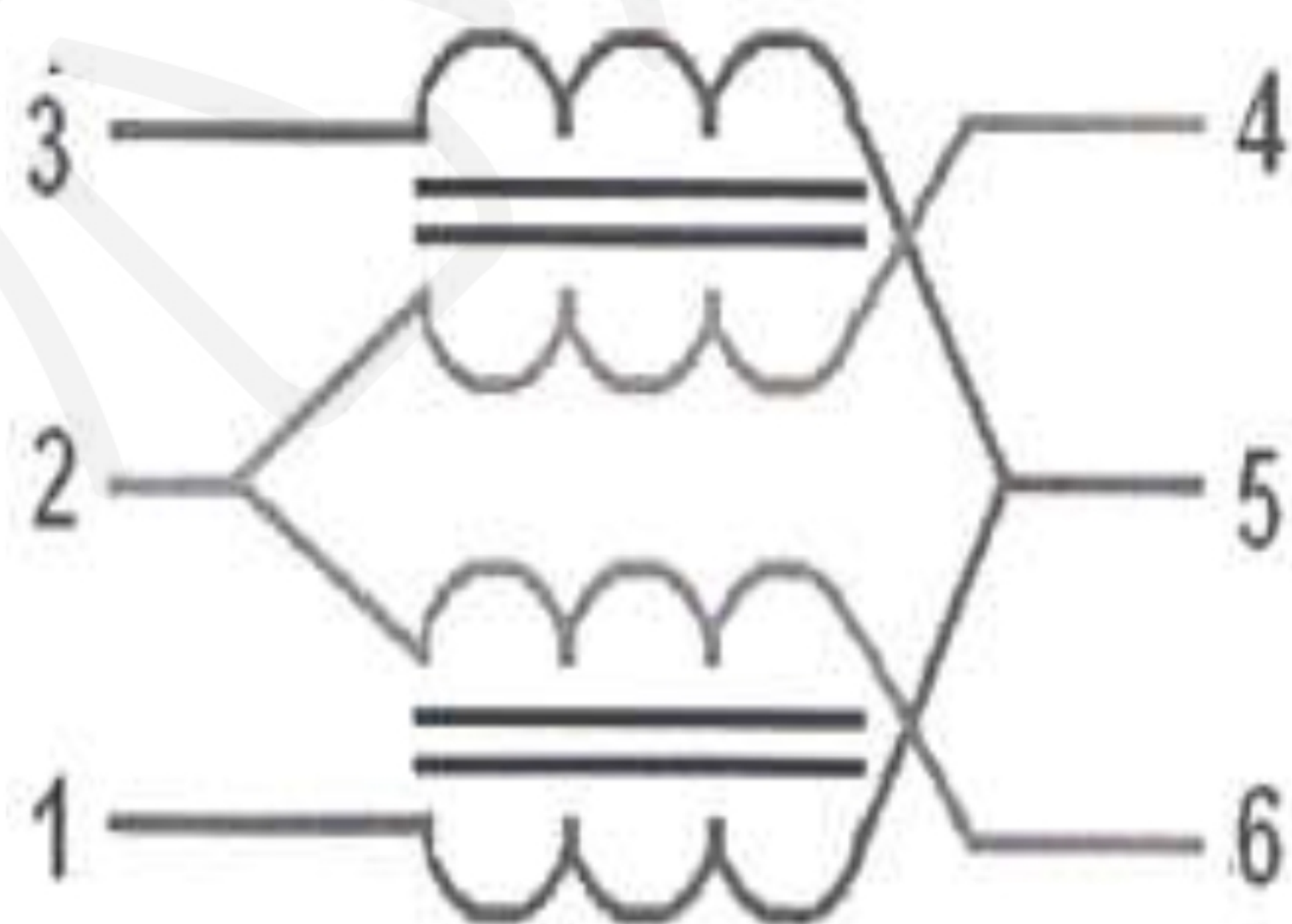
Applications:

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



Electrical structure:

Recommended layout (mm) :

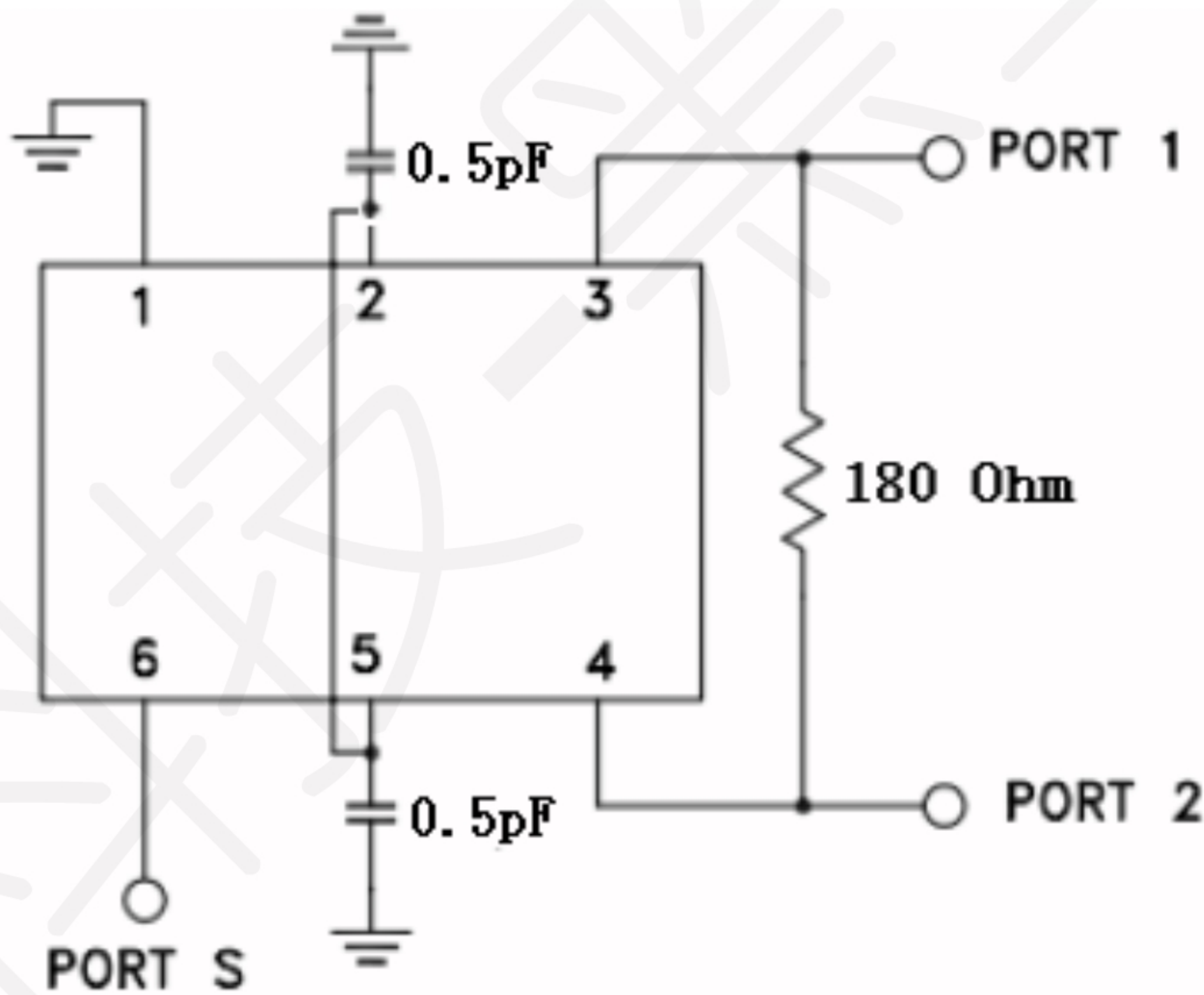


Pin configuration:



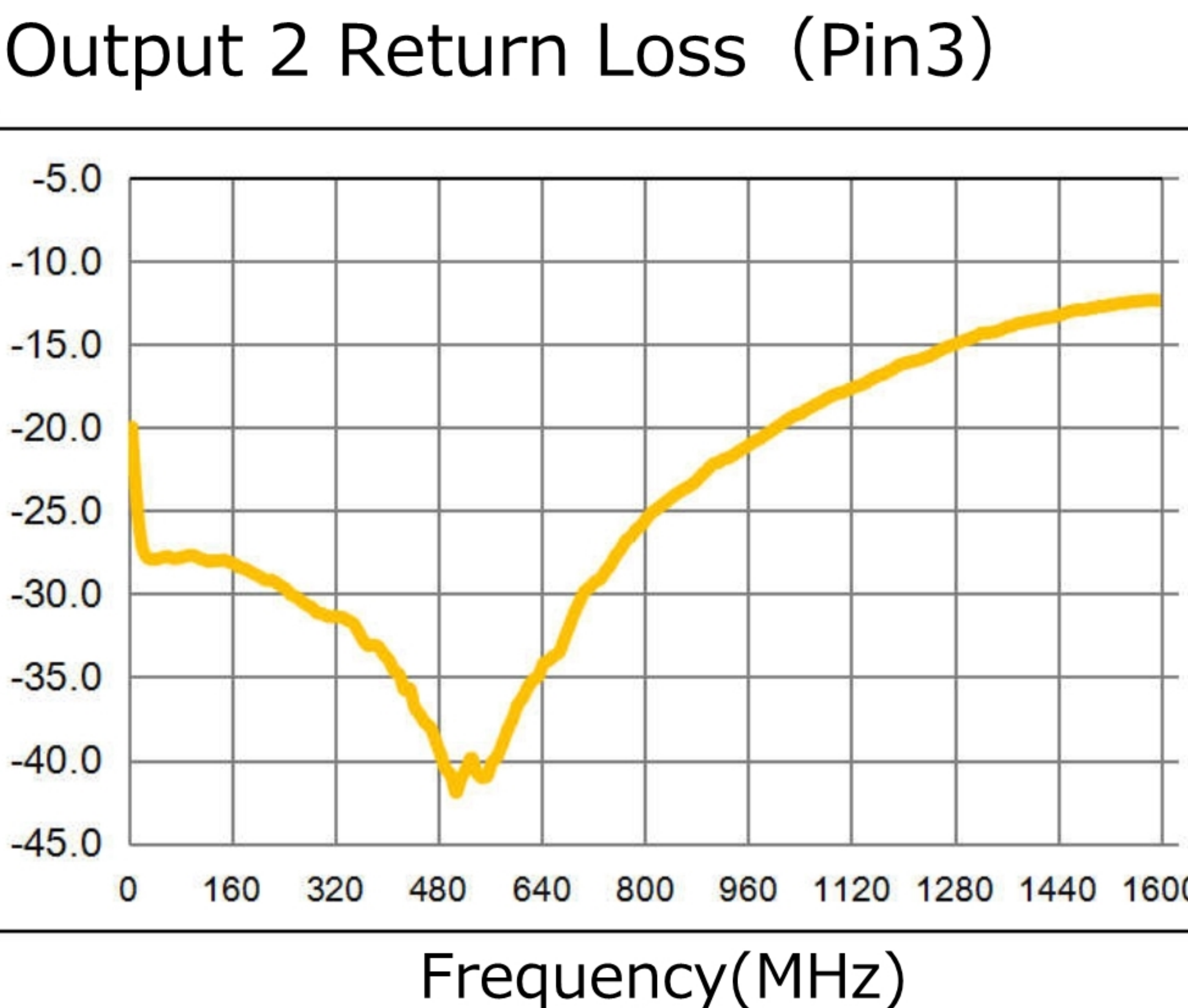
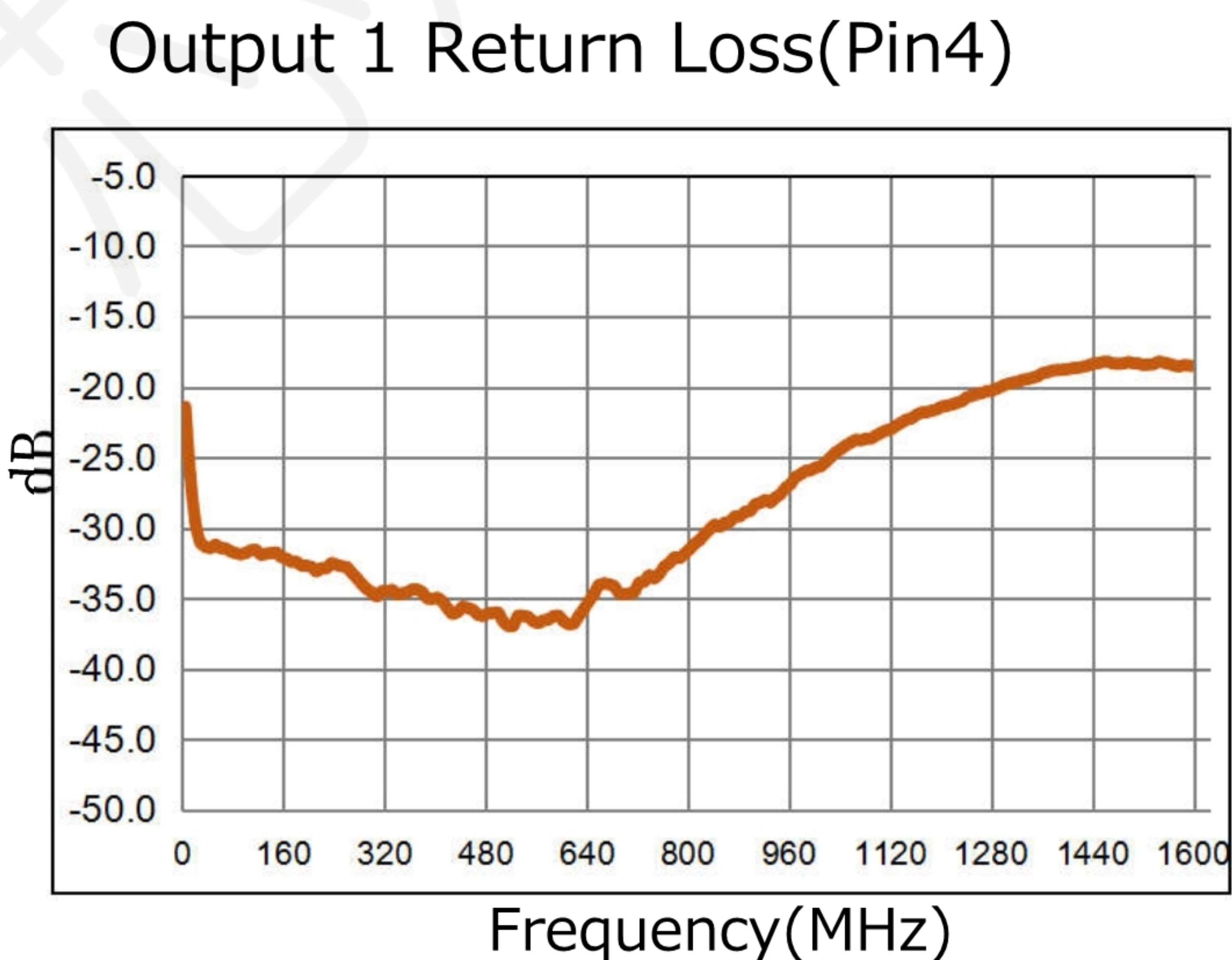
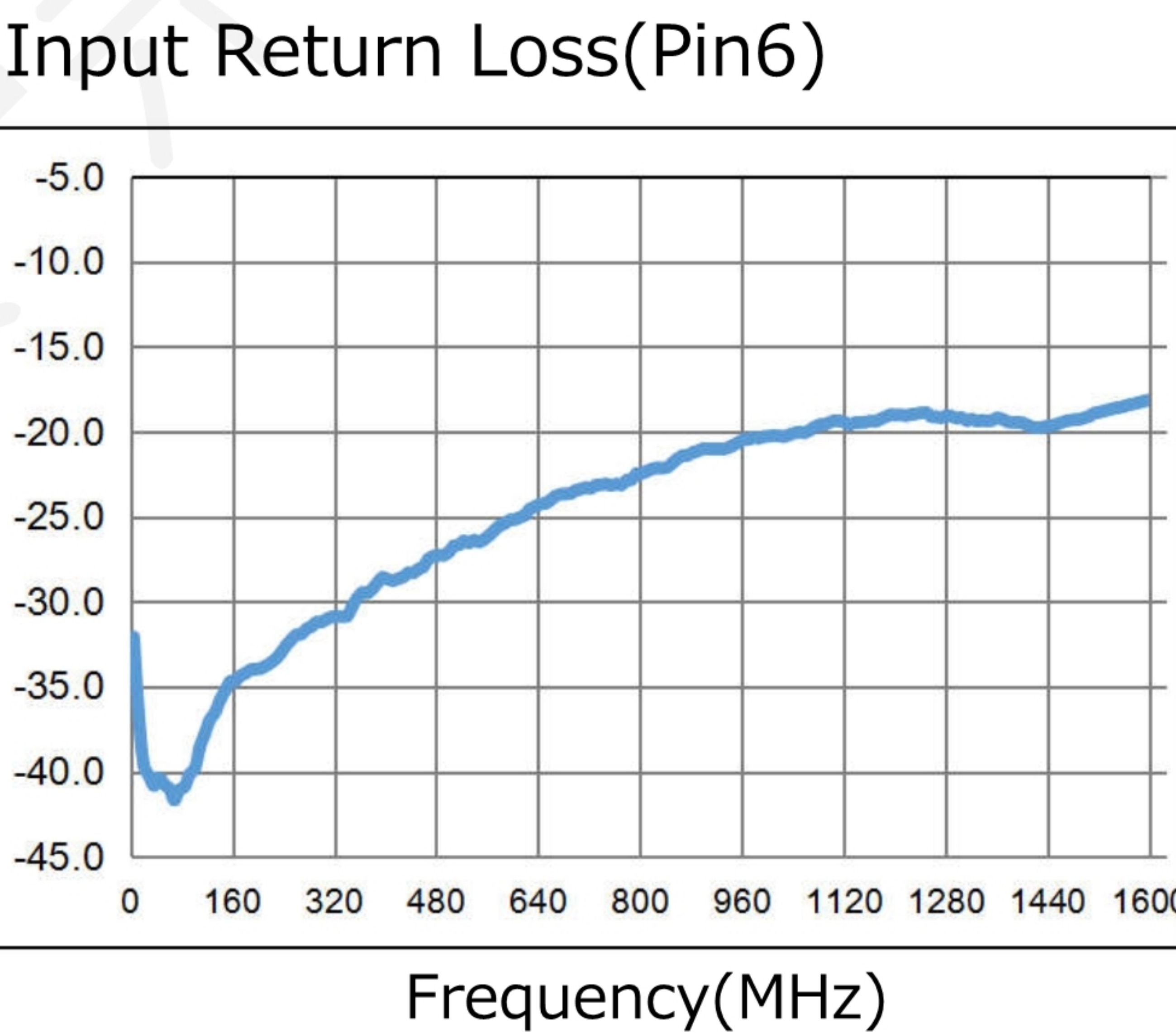
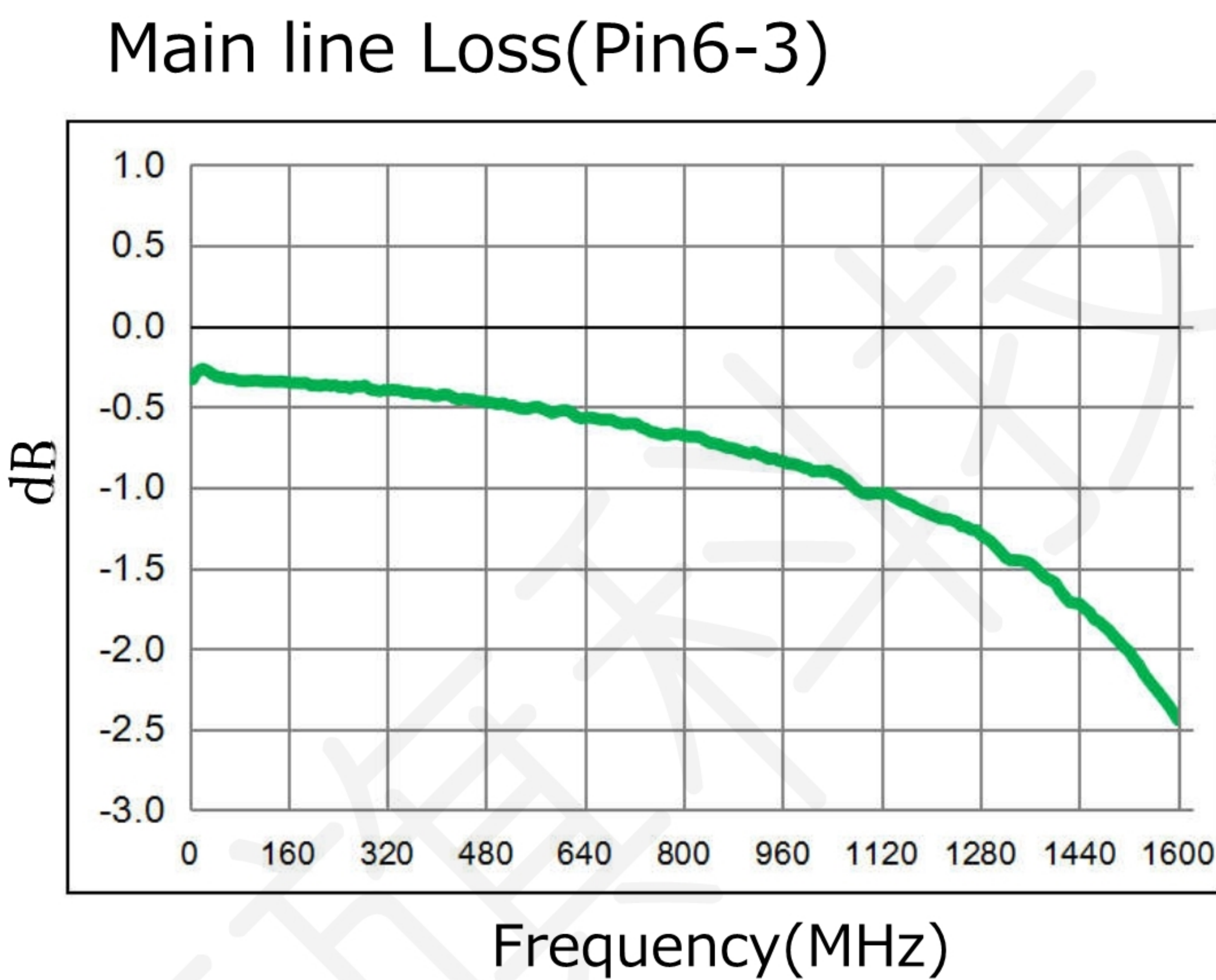
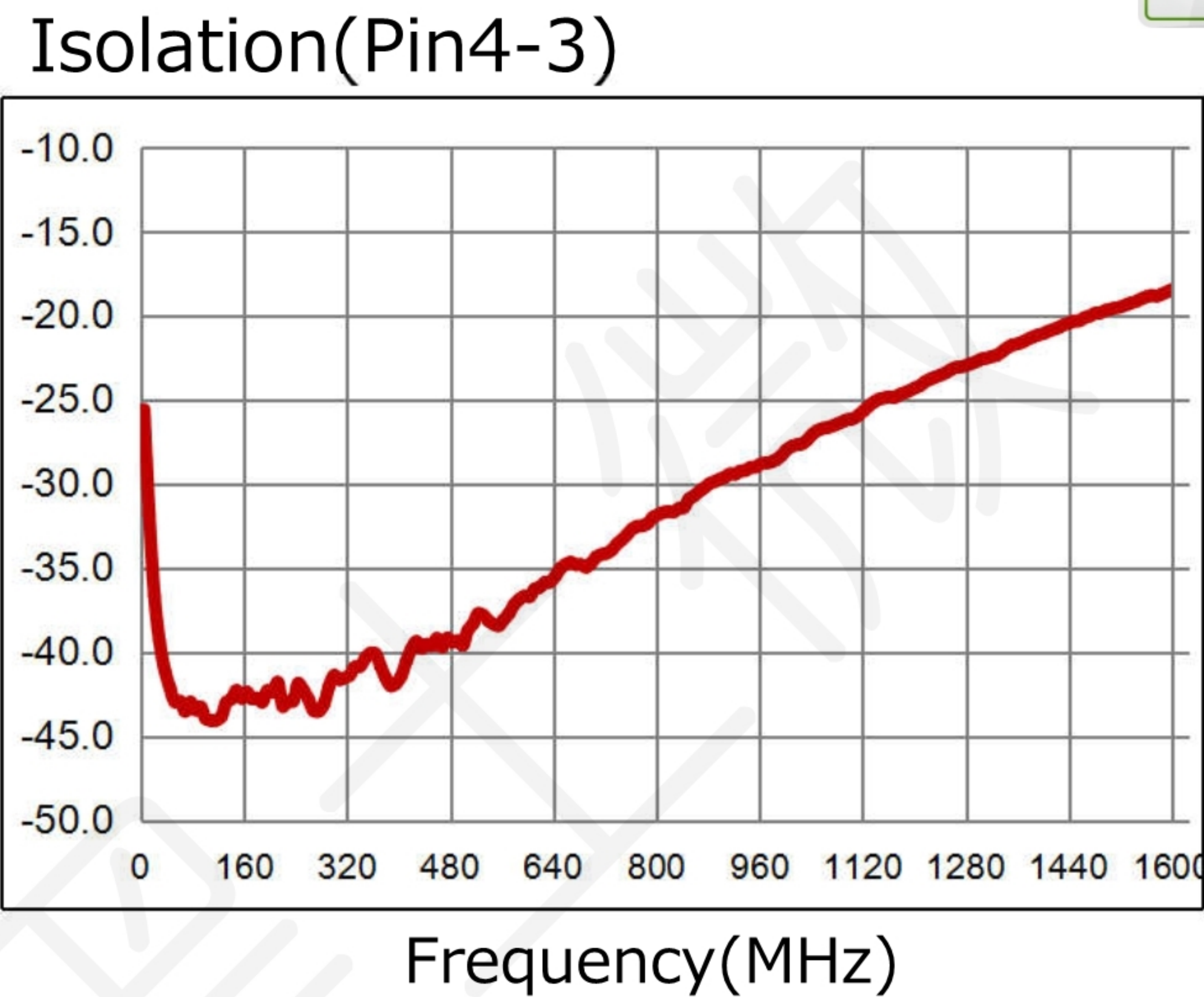
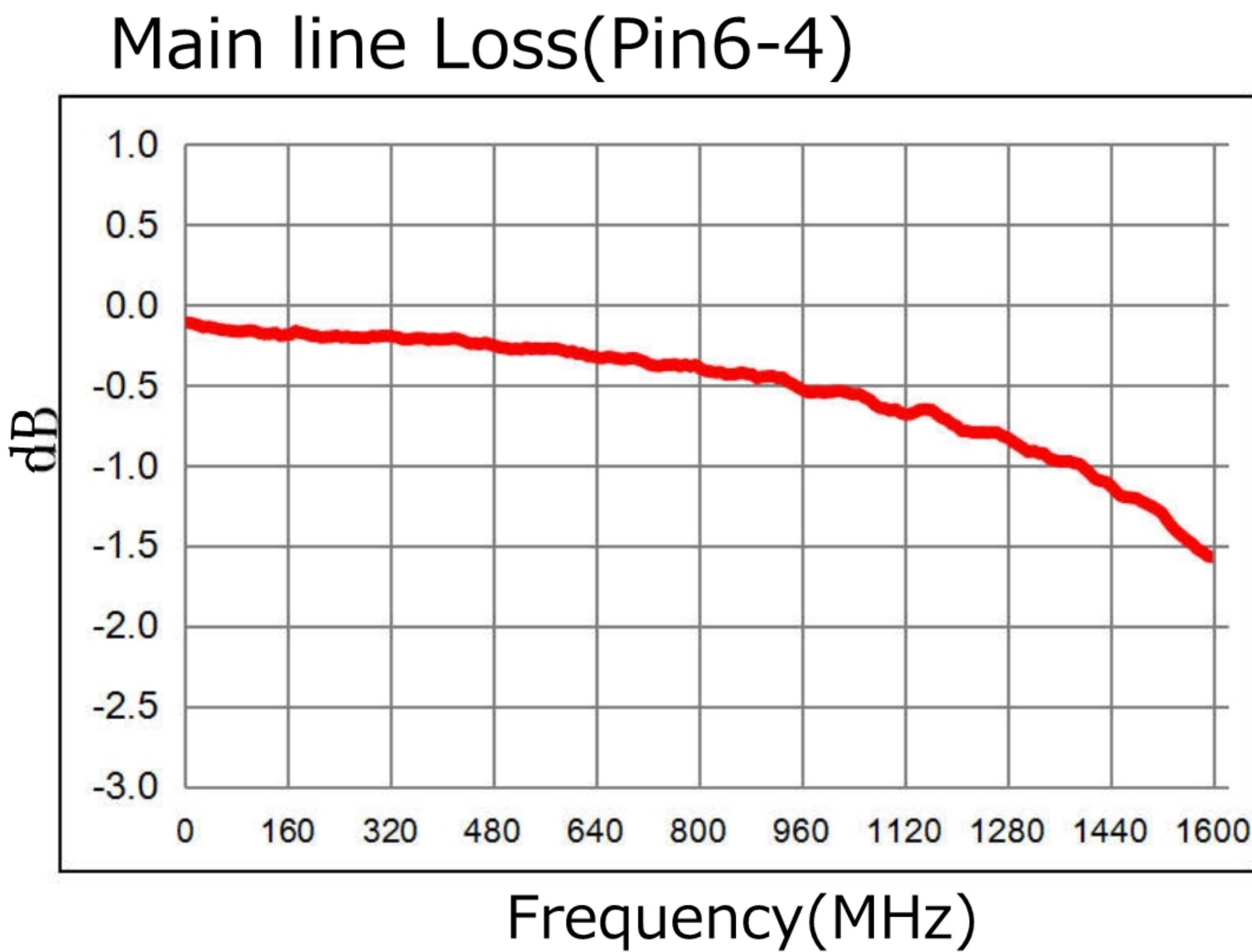
Pin No.	Function
1	Ground
2	External 0.5pF Capacitor
3	Output 2
4	Output 1
5	External 0.5pF Capacitor
6	Input

Application circuit :

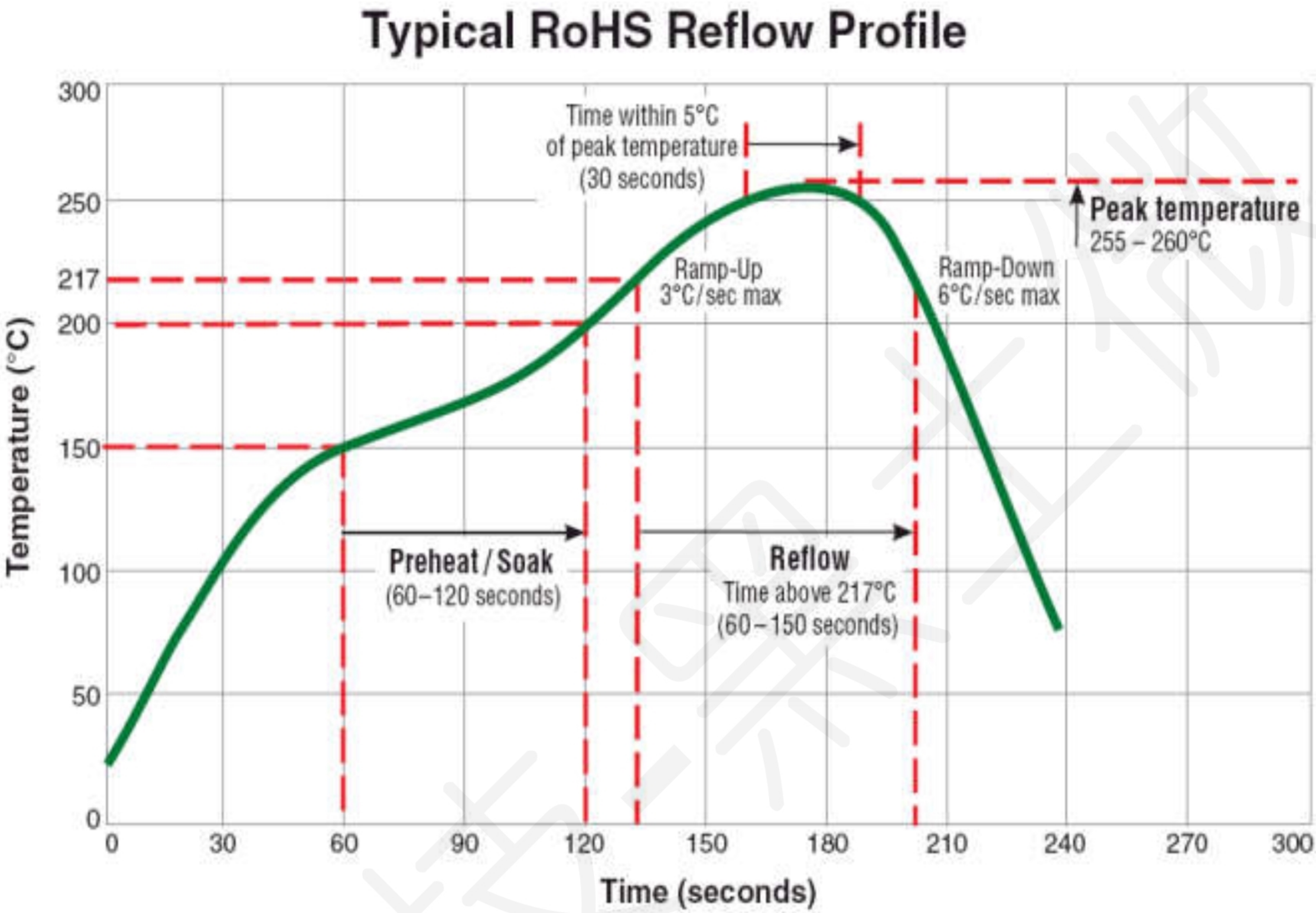


Electrical Specifications: TA=25℃ , 0dBm,Z0=75Ω

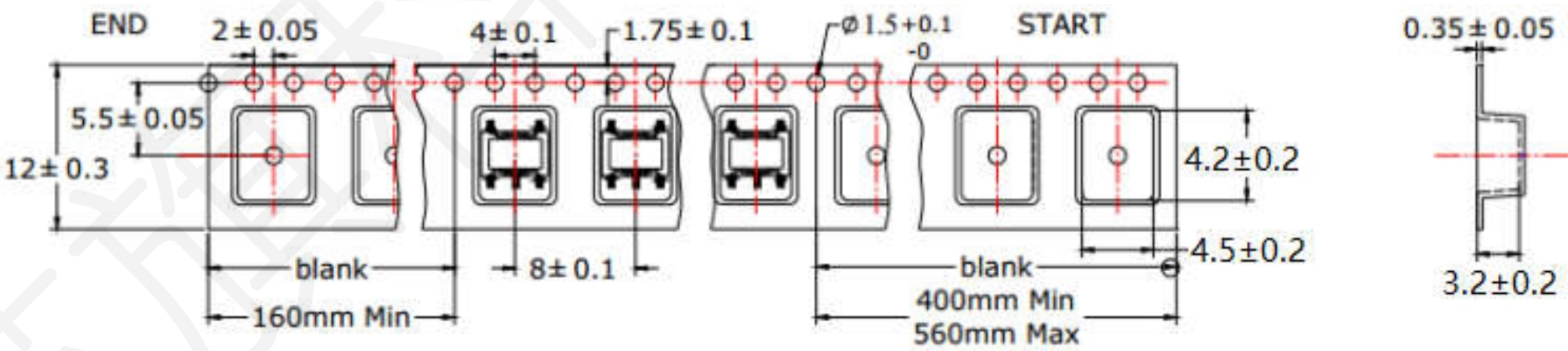
Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss(out1)	5-1250MHz	dB	—	0.4	1.2
	1250-1600MHz	dB	—	1.4	2.0
Main line Loss(out2)	5-1250MHz	dB	—	0.6	1.5
	1250-1600MHz	dB	—	2.0	3.0
Input Return Loss	5-1250MHz	dB	16.0	26.0	—
	1250-1600MHz	dB	9.0	18.0	—
Output 1 Return Loss	5-1250MHz	dB	16.0	30.0	—
	1250-1600MHz	dB	12.0	17.0	—
Output 2 Return Loss	5-1250MHz	dB	15.0	25.0	—
	1250-1600MHz	dB	10.0	12.0	—
Isolation	5-1600MHz	dB	20.0	35.0	—
	5-1600MHz	dB	16.0	20.0	—



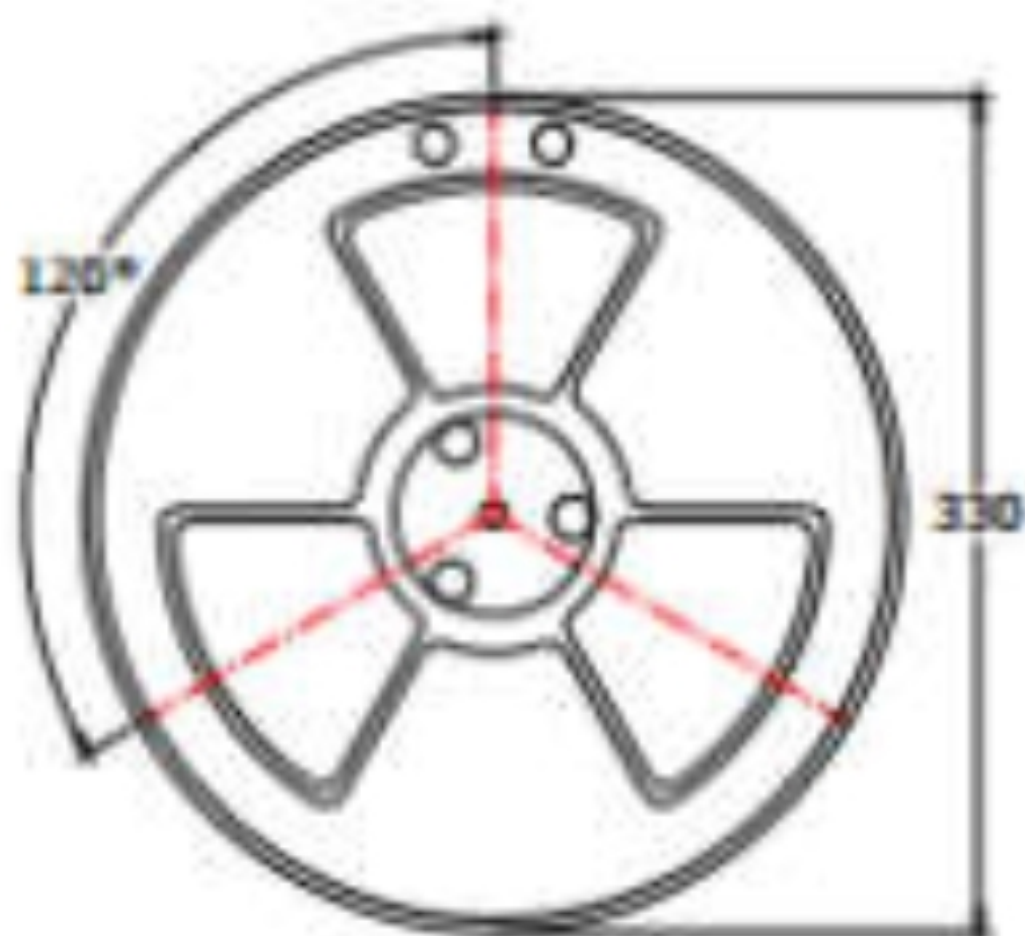
Recommended Soldering Temperature Graph:



Packing Dimension For Caeier Tape(UNIT:mm):



QUANTITY
2000PCS/Reel
4 Reels/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

