

Features::

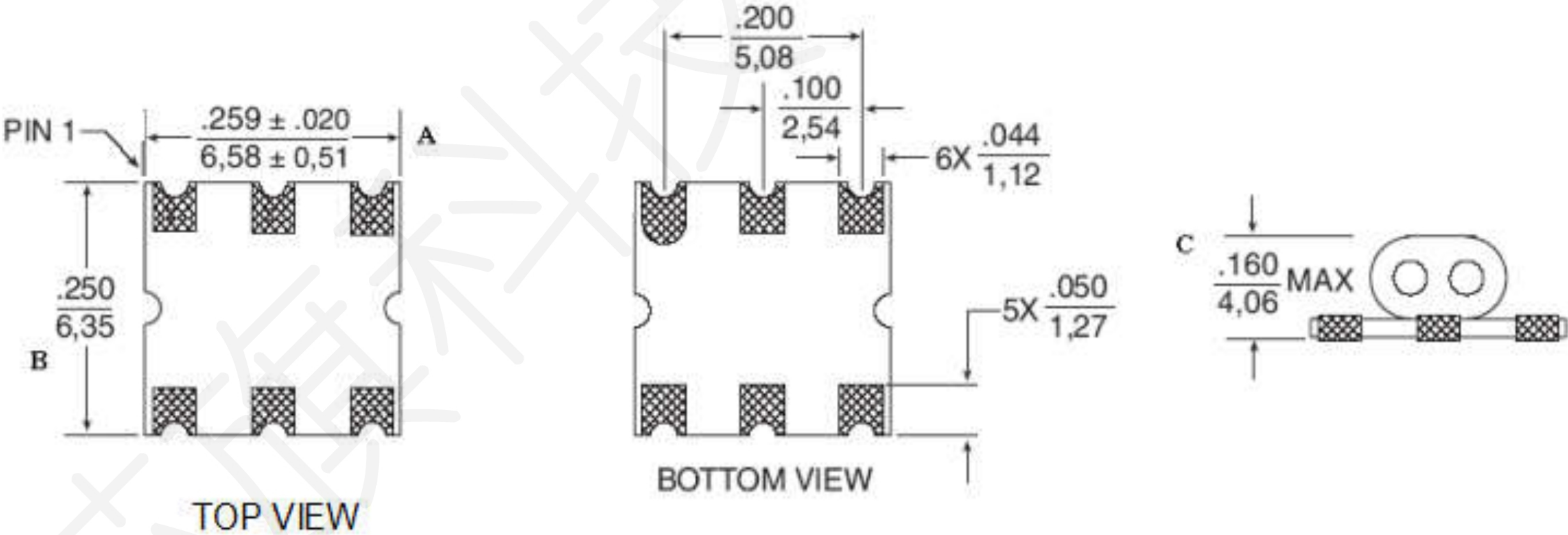
- ◆2 Way-0° Power Splitter/Combiner
- ◆75Ω Characteristic Impedance
- ◆Frequency: 5to1250 MHz
- ◆Power Input(as a splitter): 0.50W Max
- ◆DC current: 30mA
- ◆Operating temperature range: -40℃ to +85℃
- ◆Storage temperature range: -55℃ to +100℃



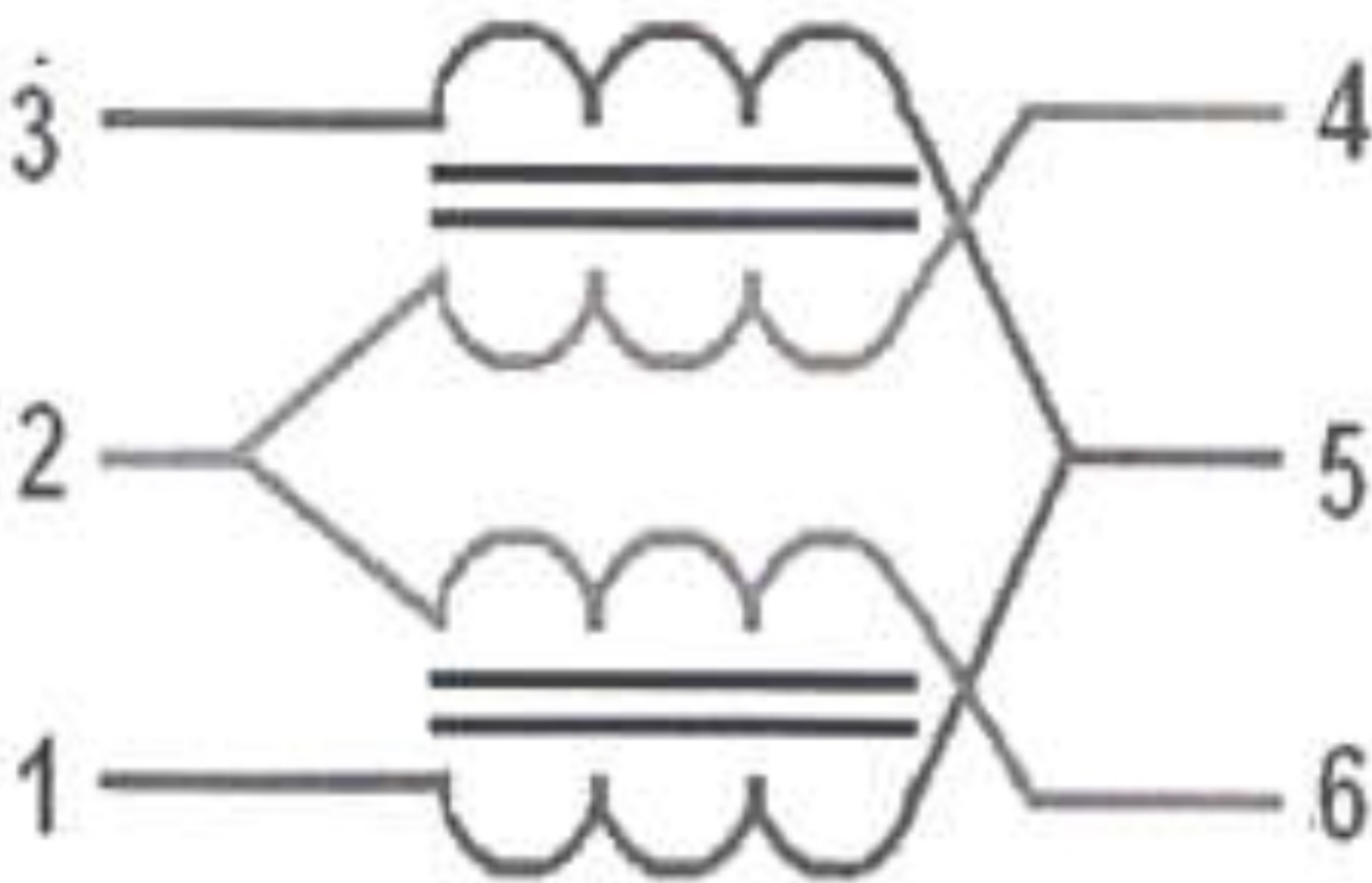
Applications:

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

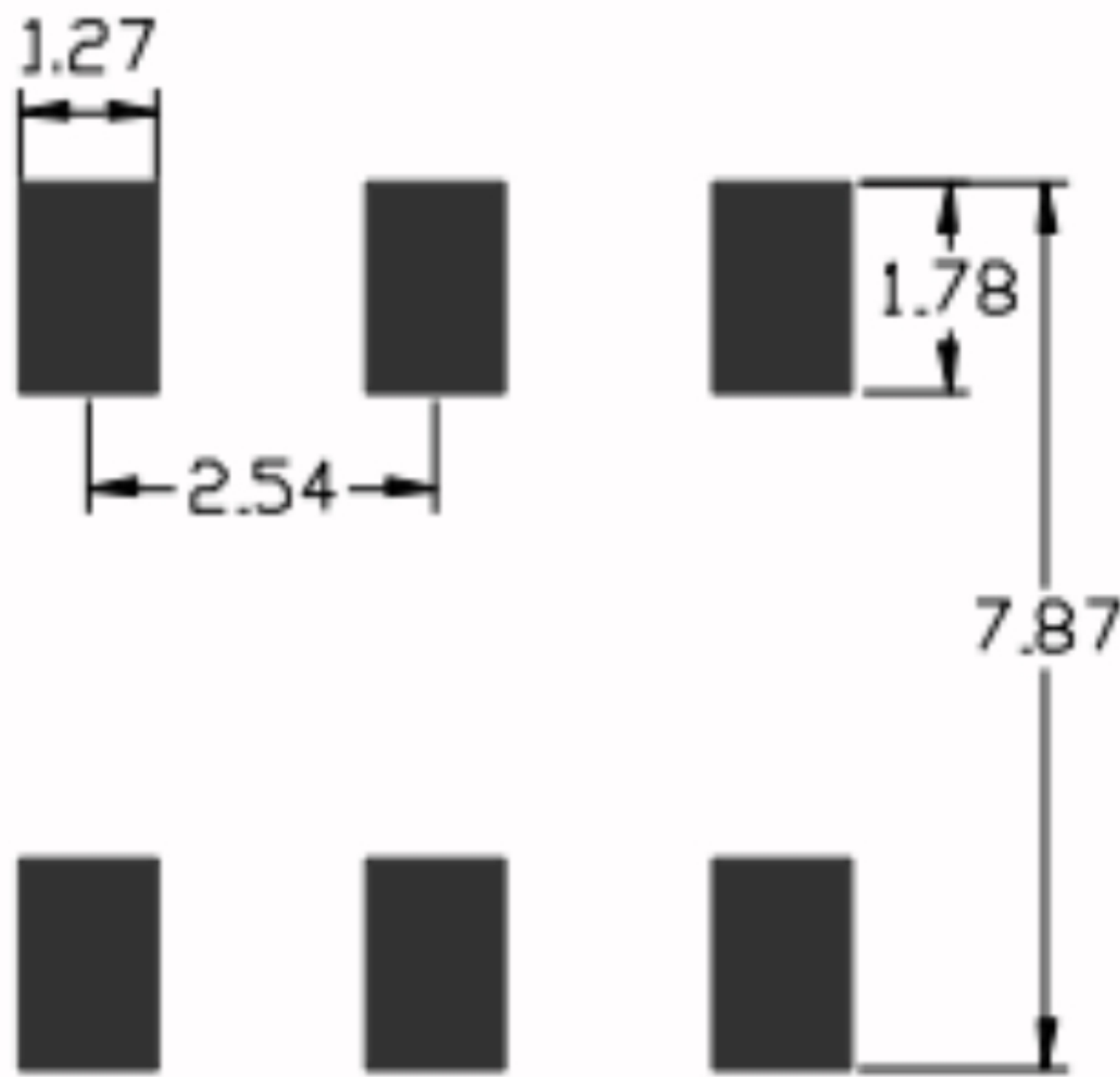
Dimension Diagram (Unit:mm) :



Electrical structure:



Recommended layout:



黑土微HTW-011035

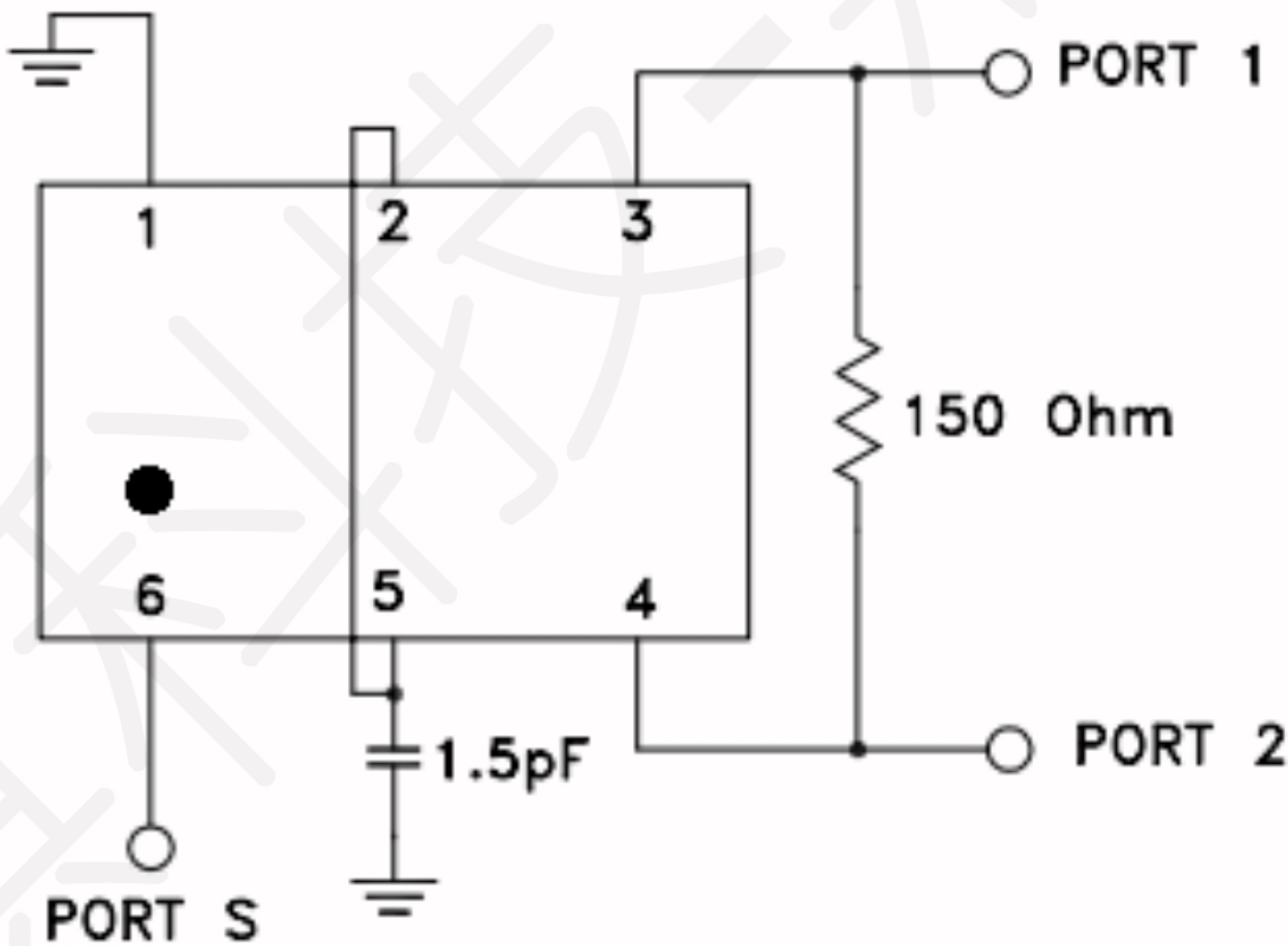
75Ω 2 Way-0° Power Splitter5-1250 MHzRev. 1

Pin configuration



SUM PORT	6
PORT 1	3
PORT 2	4
GROUND	1
CONNECT	2,5
EXT. RESISTOR 150Ω	3,4
EXT. CAPACITOR 1.5pF	2 OR 5 TO GND

Application circuit :



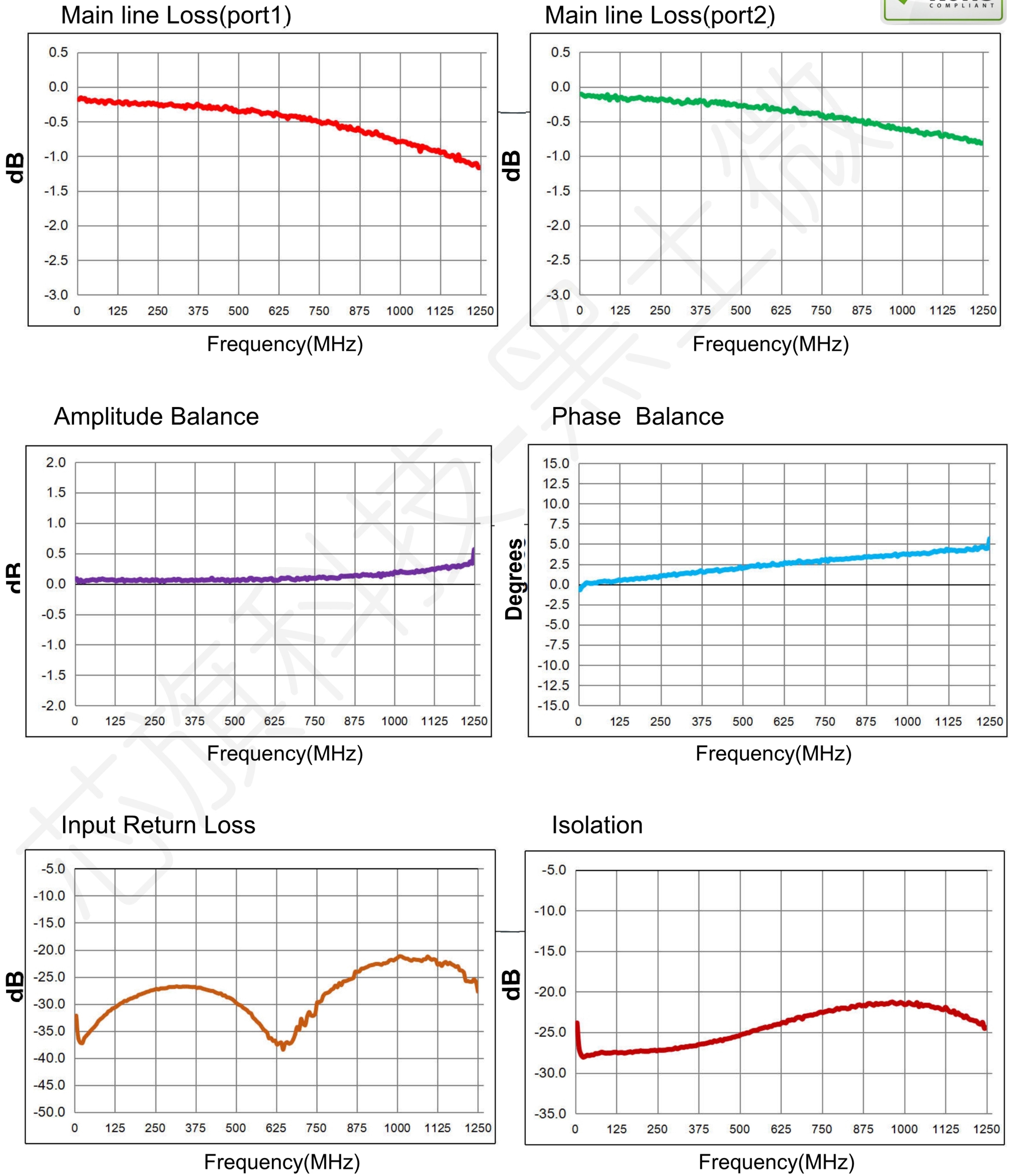
Electrical Specifications: $T_A = 25^{\circ}\text{C}$ $Z_0 = 75\Omega$

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss(out1)	5-1250MHz	dB	—	0.6	1.5
Main line Loss(out2)	5-1250MHz	dB	—	0.8	1.5
Amplitude Balance	5-1250MHz	dB	—	0.5	±1.0
Phase Balance	5-1250MHz	Degrees	—	5.0	±5.0
Input Return Loss	5-1250MHz	dB	16.0	25.0	—
Isolation	5-1250MHz	dB	16.0	22.0	—

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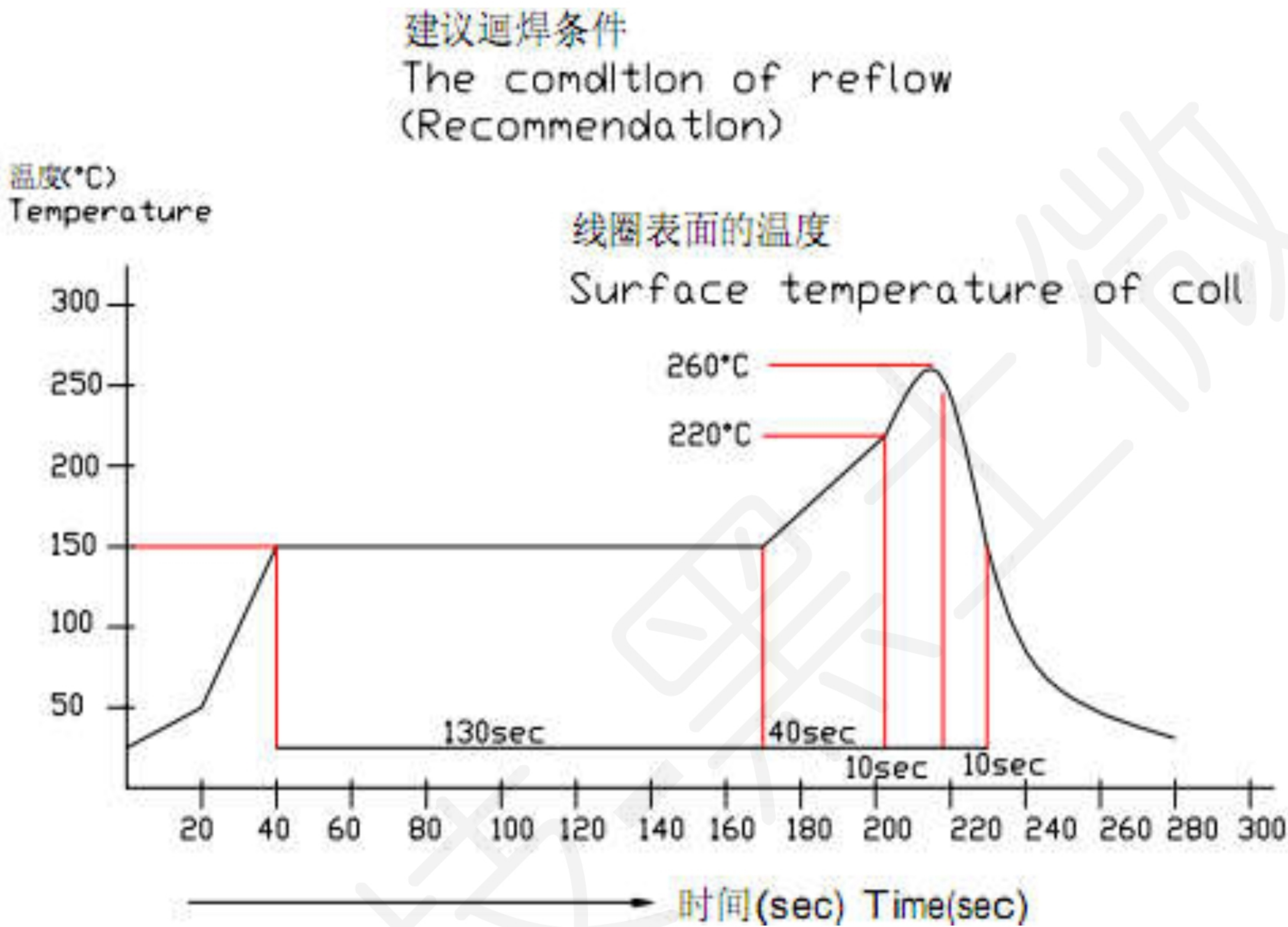


75Ω 2 Way-0° Power Splitter

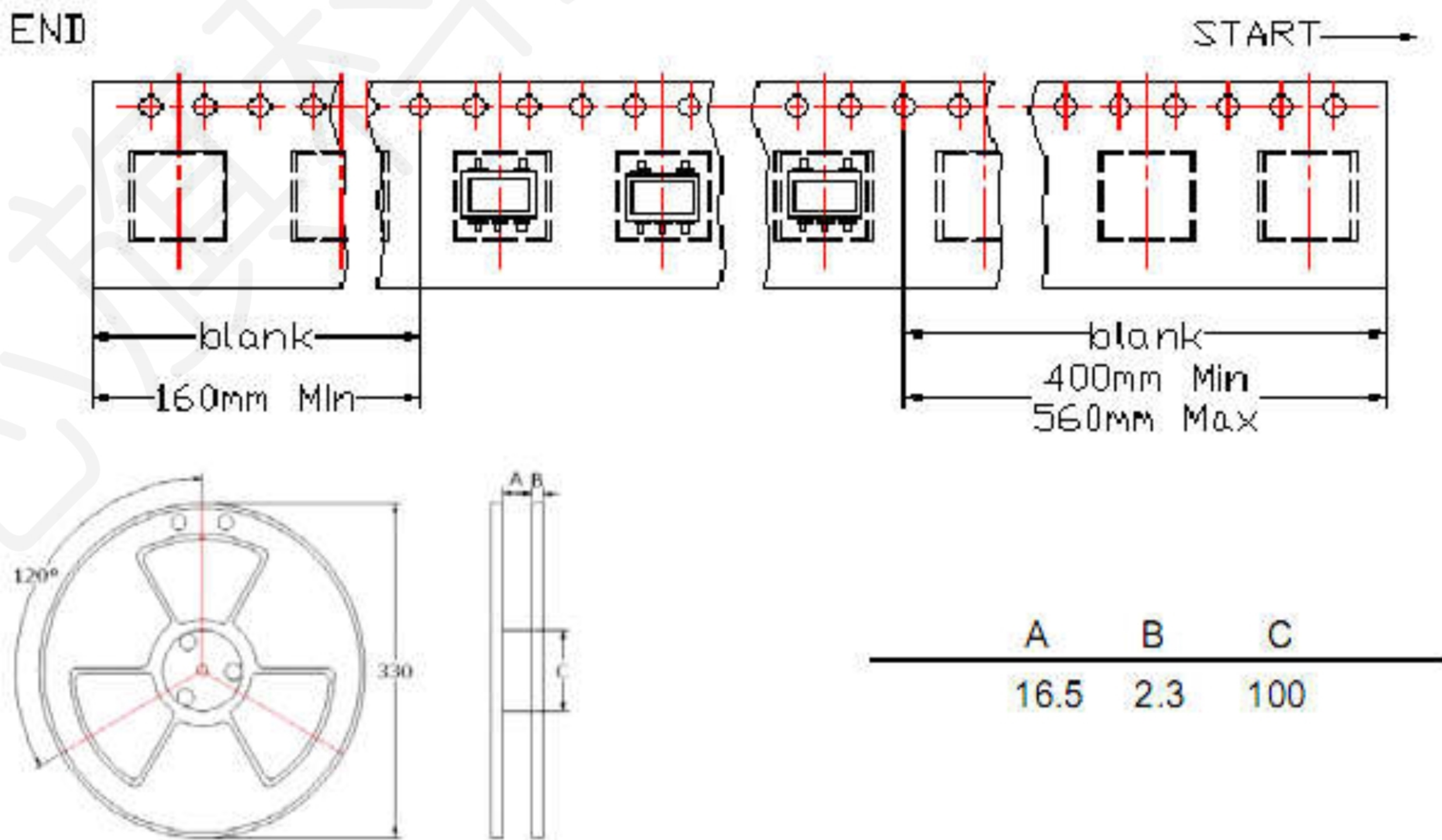
5-1250 MHz

Rev. 1

Recommended Soldering Temperature Graph:



Packing Dimension For Caeier Tape(UNIT:mm):



QUANTITY

1,000PCS/Reel

3Reels/Middle Carton

5 Middle Cartons/Big Carton/15,000pcs