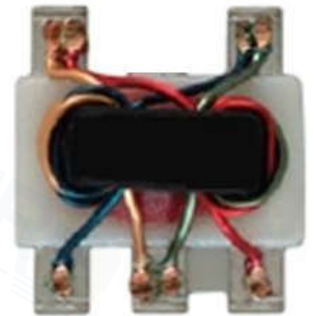
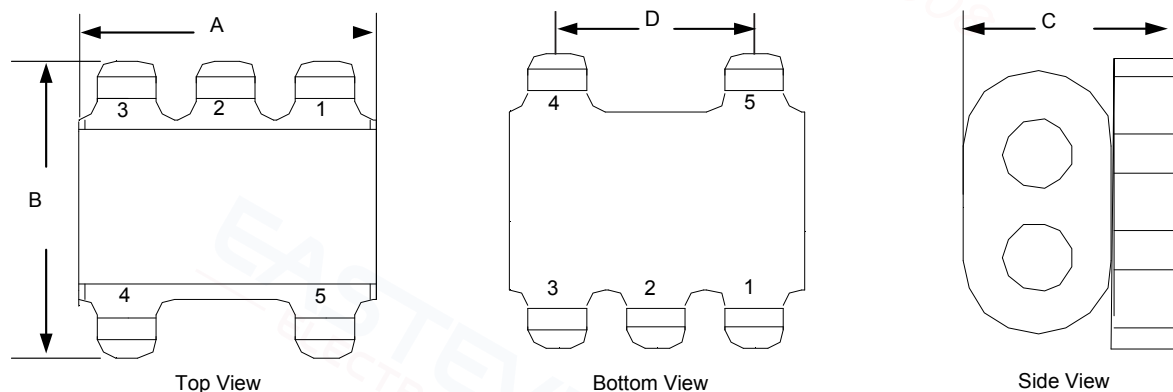


Features::

- ◆ 1: 4 Impedance
- ◆ 50Ω Impedance
- ◆ Frequency: 10to1900 MHz
- ◆ RF power: 0.25W
- ◆ 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

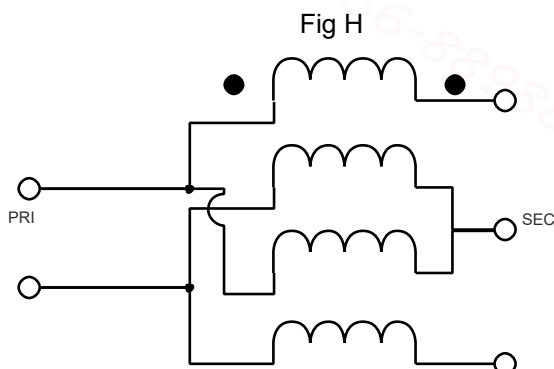
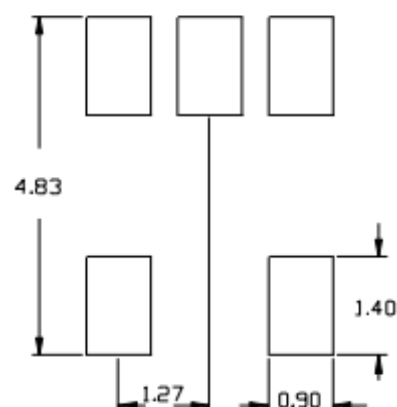
Dimension Diagram (Unit:mm) :

$$A=3.80\pm0.20$$

$$B=3.80\pm0.20$$

$$C=2.80\pm0.20$$

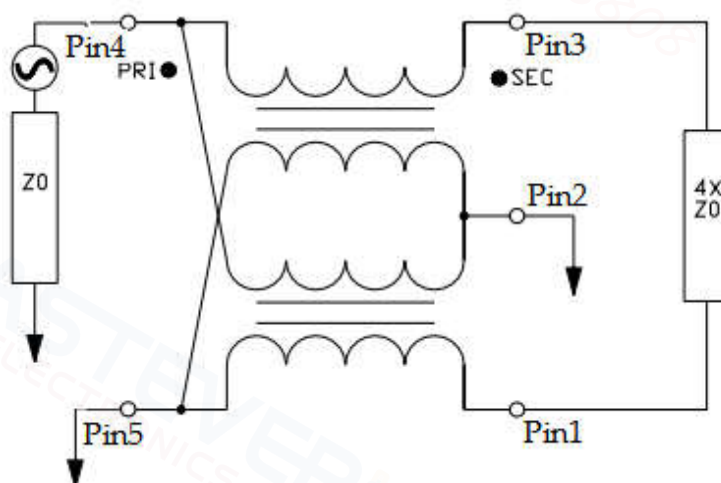
$$D=2.54\pm0.10$$

Electrical structure:**Recommended layout:**

Pin configuration:

Pin No.	Function
1	Output2
2	Ground
3	Output1
4	Input
5	Ground

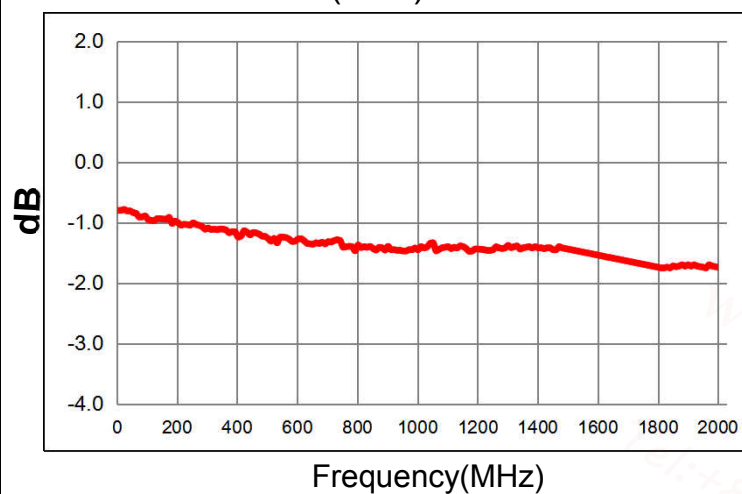
Application circuit :



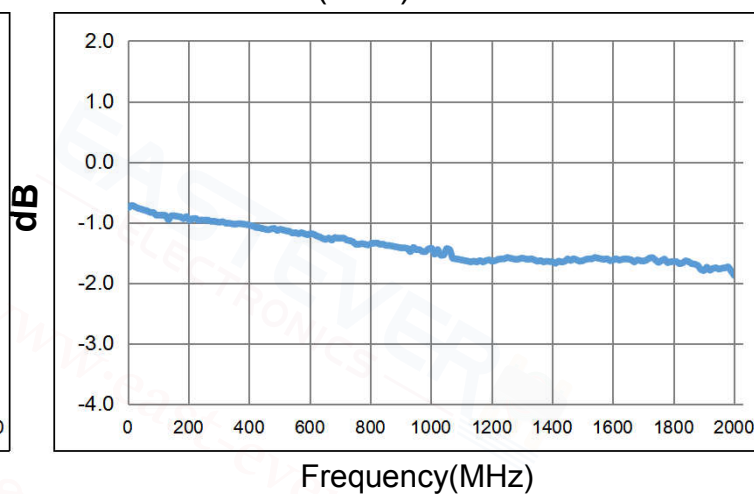
Electrical Specifications: TA=25℃, 0dBm, Z0=50Ω:

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss(out1)	10-1900MHz	dB	—	1.40	3.50
Main line Loss(out2)	10-1900MHz	dB	—	1.60	3.50
Amplitude Balance	10-1900MHz	dB	—	±0.20	±1.00
Phase Balance	10-1900MHz	Degrees	—	±10.0	±10.0
Input Return Loss	10-1900MHz	dB	5.00	6.50	—

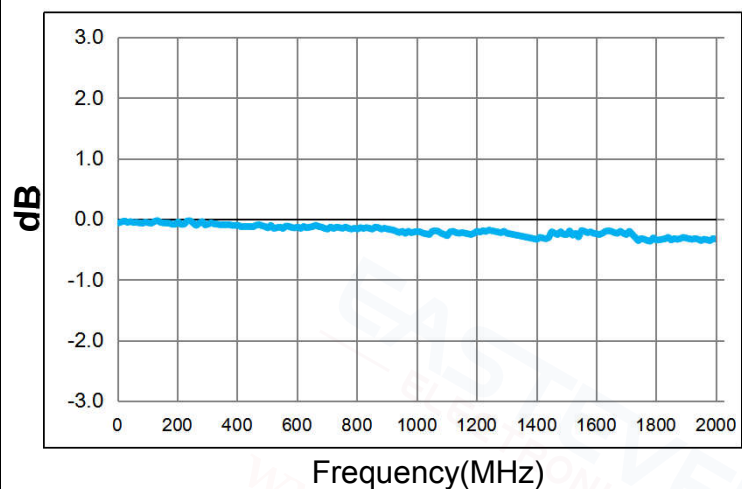
Main line Loss(out1)



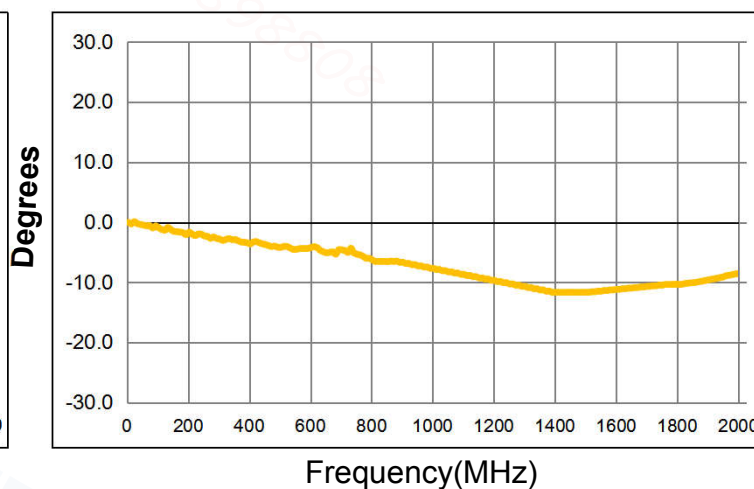
Main line Loss(out2)



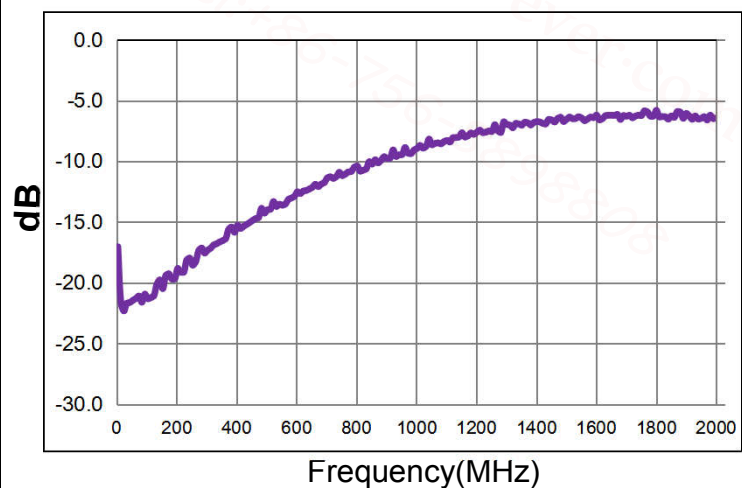
Amplitude Balance



Phase Balance

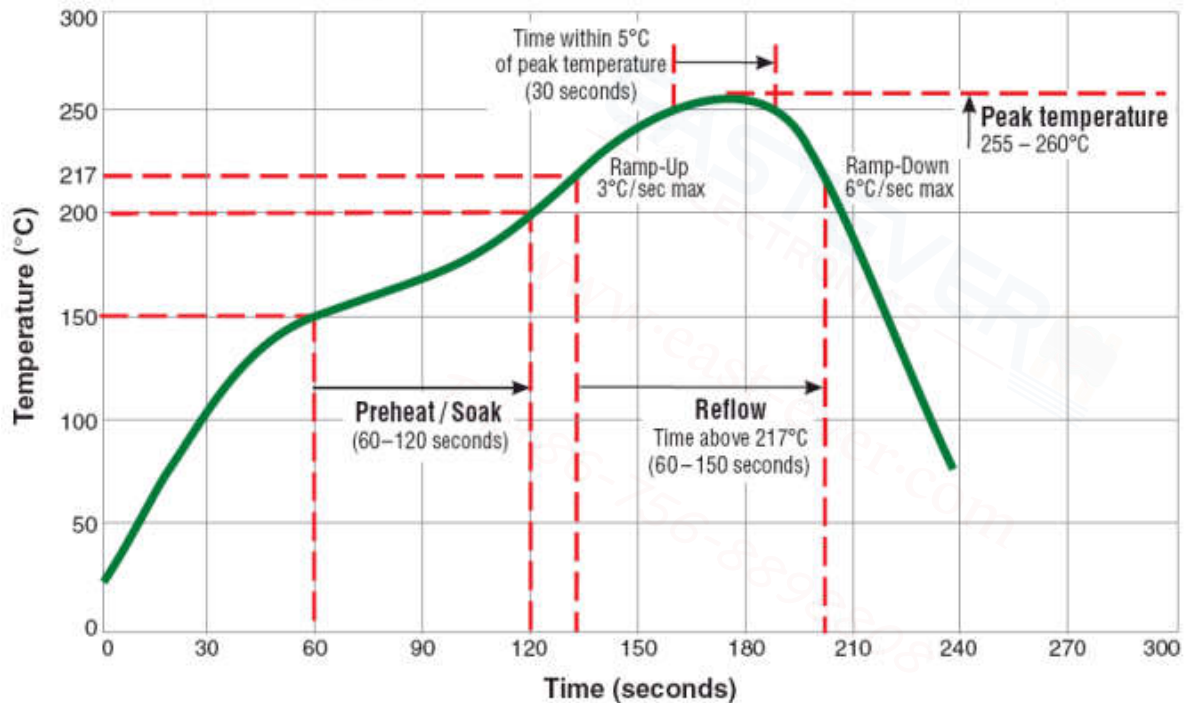


Input Return Loss

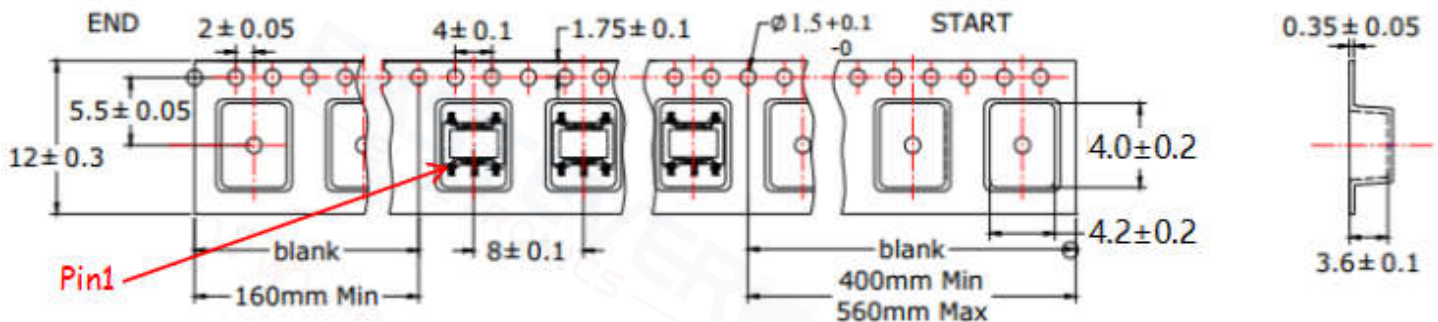


Recommended Soldering Temperature Graph:

Typical RoHS Reflow Profile



Packing Dimension For Caeier Tape(UNIT:mm):



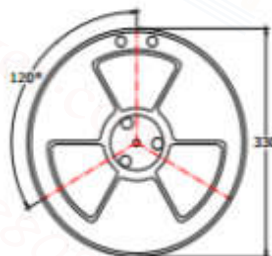
QUANTITY

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

