

Features::

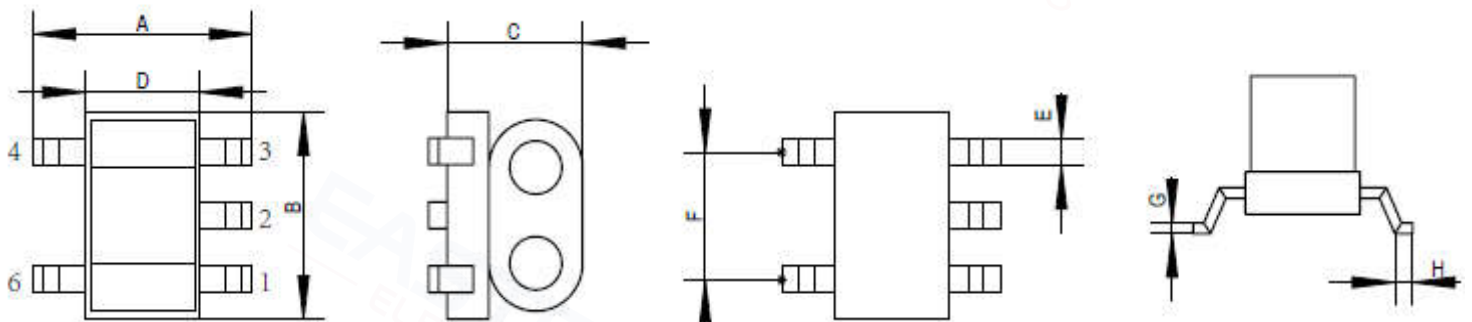
- ◆ 1:2CT Impedance
- ◆ 75 Ω Impedance
- ◆ Frequency: 1 to 300 MHz
- ◆ Operating temperature range: -40°C to +85°C
- ◆ Storage temperature range: -55°C to +100°C



Applications:

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

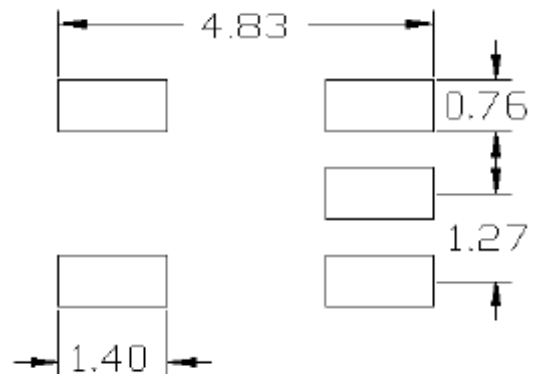
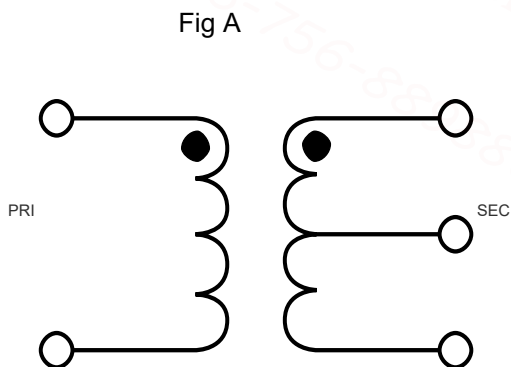
Dimension Diagram (Unit:mm) :



A=4.10±0.20 B=3.80±0.20 C=3.20±0.20 D=2.20±0.20 E=0.50±0.10 F=2.54±0.10 G=0.25±0.10 H=0.30±0.10

Electrical structure:

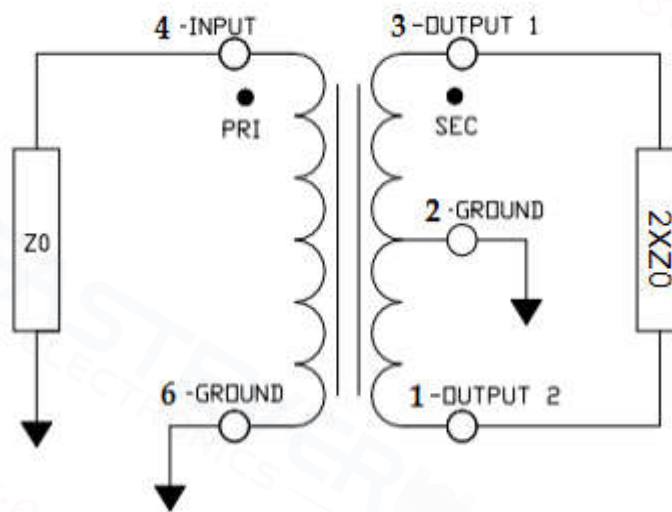
Recommended layout:



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)

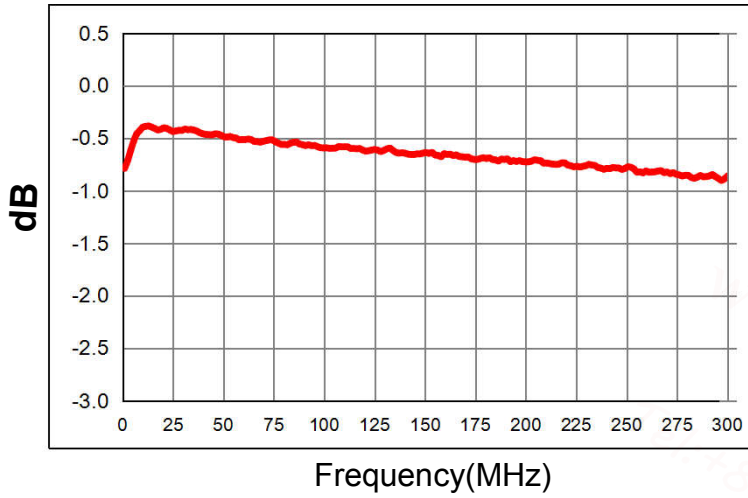
Application circuit :



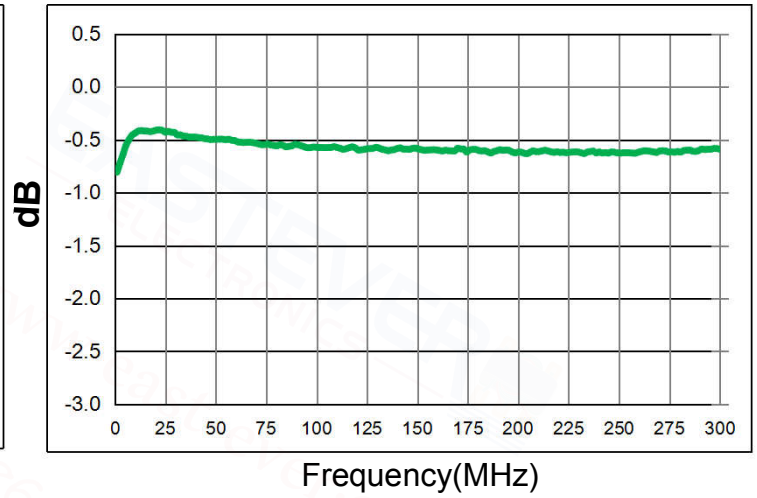
Electrical Specifications: TA=25°C, 0dBm, Z0=75Ω:

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss(out1)	1-300MHz	dB	—	0.5	1.2
Main line Loss(out2)	1-300MHz	dB	—	0.6	1.0
Amplitude Balance	1-300MHz	dB	—	0.0	±0.5
Phase Balance	1-300MHz	Degrees	—	0.0	±8.0
Input Return Loss	1-300MHz	dB	14.0	19.0	—

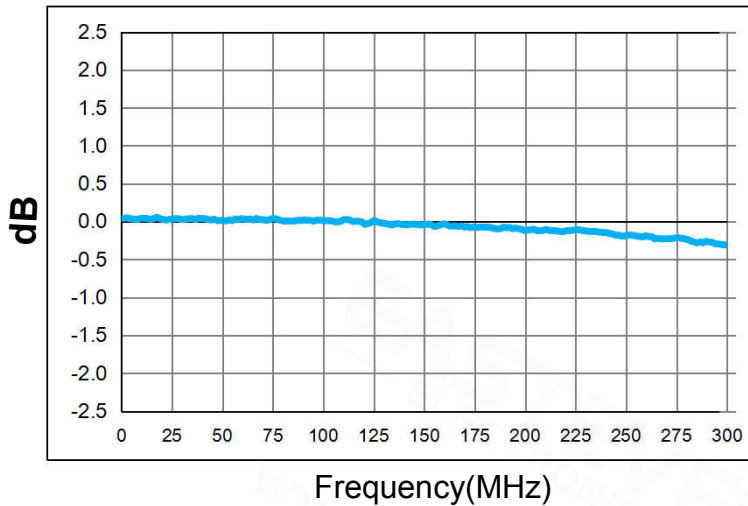
Main line Loss(out1)



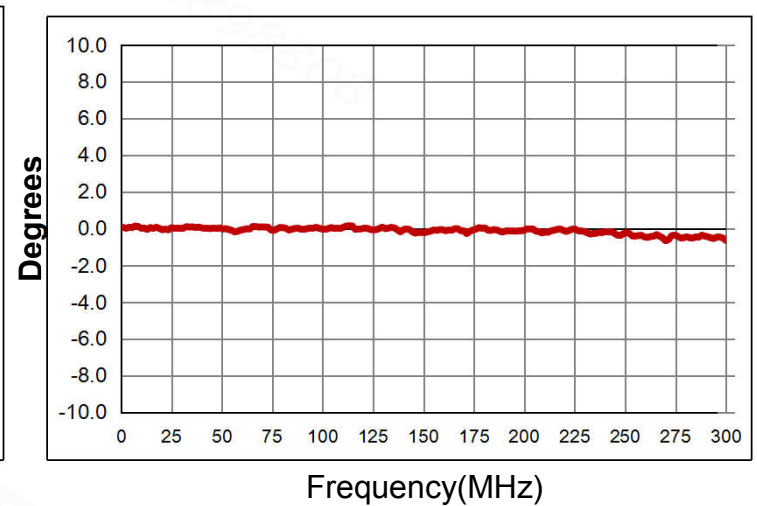
Main line Loss(out2)



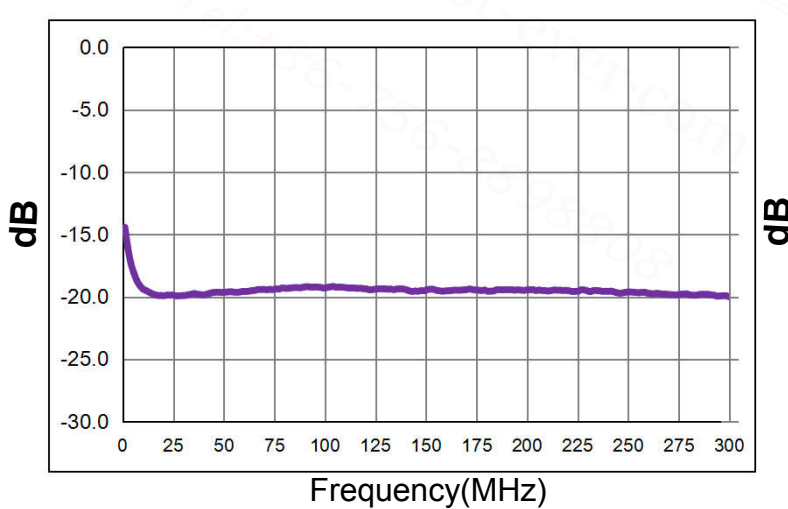
Amplitude Balance



Phase Balance

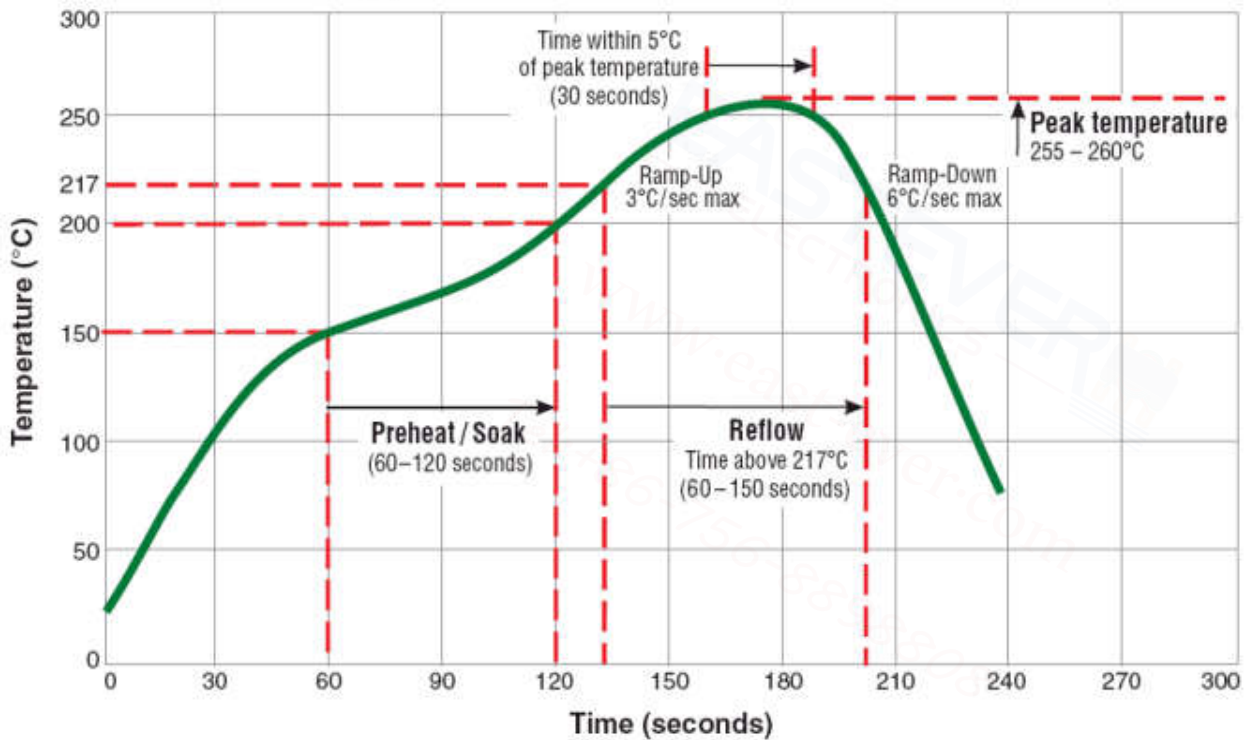


Input Return Loss

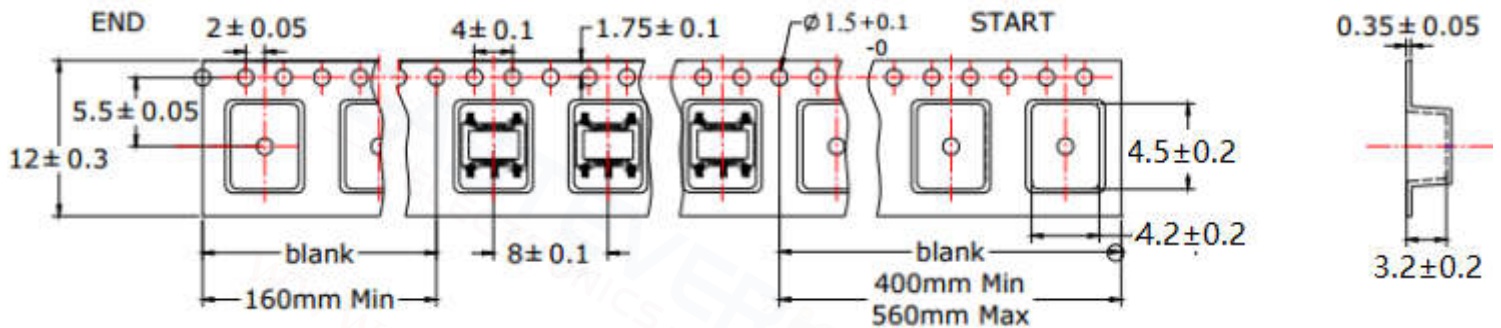


Recommended Soldering Temperature Graph:

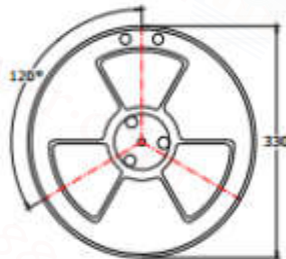
Typical RoHS Reflow Profile



Packaging 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

