

Features::

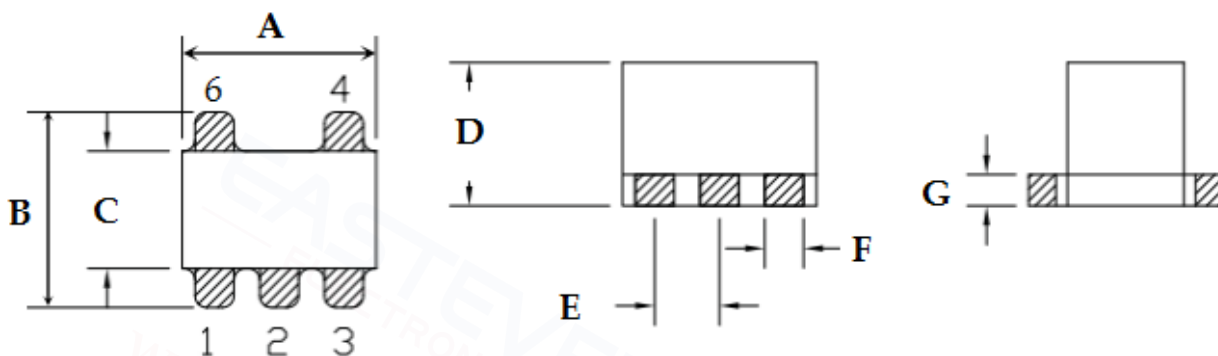
- ◆ 50Ω Impedance
- ◆ RF power: 0.50W
- ◆ DC current: 30mA
- ◆ Operating temperature range:-40°C to+85°C
- ◆ Storage temperature range: -55°C to +100°C



Applications:

- ◆ For Motorola Walkie-talkie.
- ◆ For Car Streaming Media Rearview Mirror.
- ◆ For Broadband and Wireless Communications.
- ◆ For Wireless Microphone & Marine Communications.
- ◆ For Ideally Suited LTE, Cellular, UMTS, WiFi, WiMAX.
- ◆ For Differential Modulator/demodulator and Active Mixers.

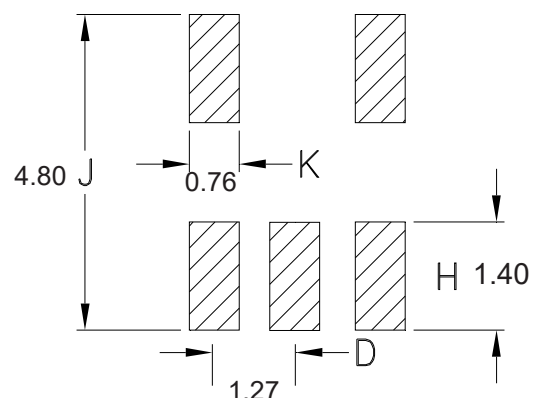
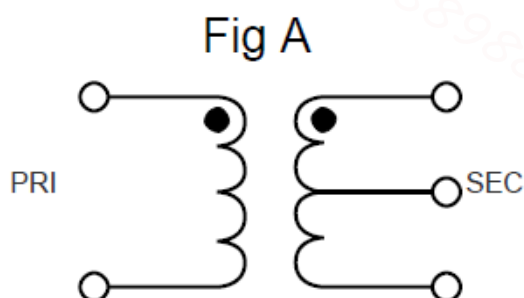
Dimension Diagram (Unit:mm) :



A=3.80±0.20 B=3.80±0.20 C=2.30±0.20 D=2.80±0.20 E=1.27±0.10 F=0.76±0.10 G=0.60±0.10

Electrical structure:

Recommended layout:



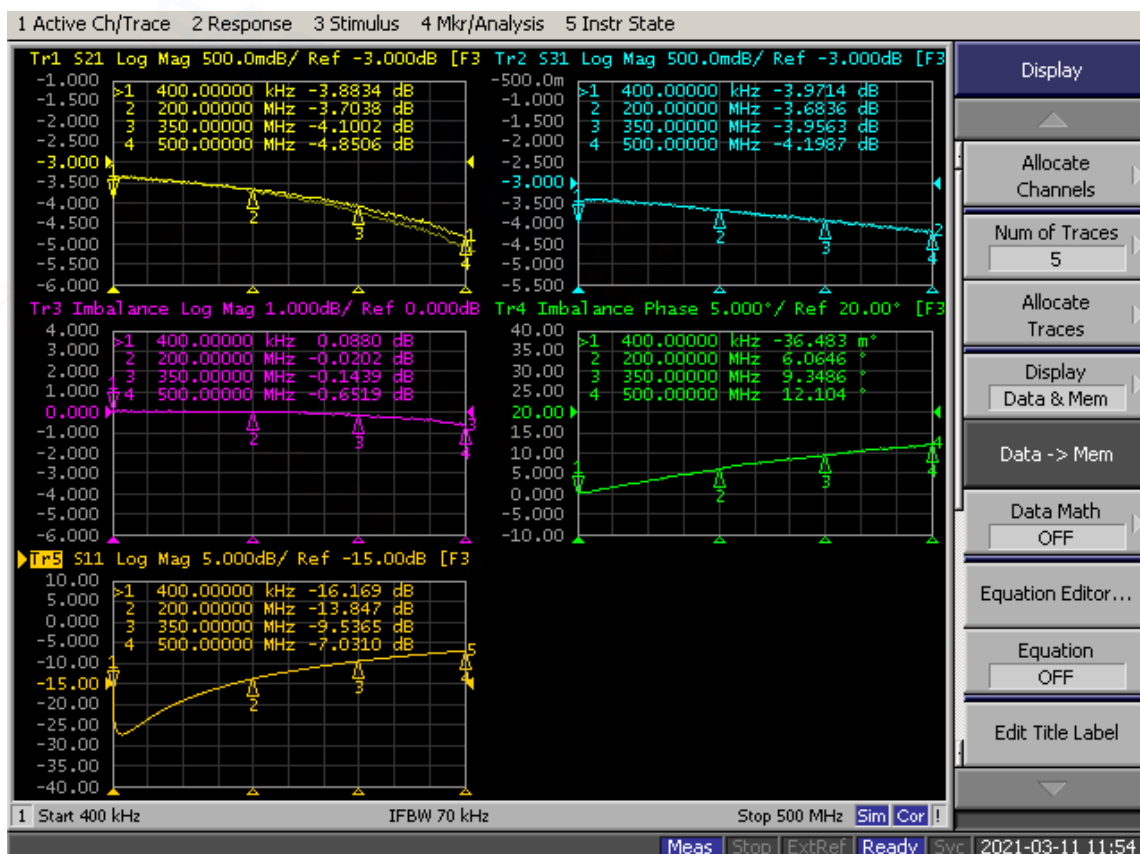
Pin configuration:

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

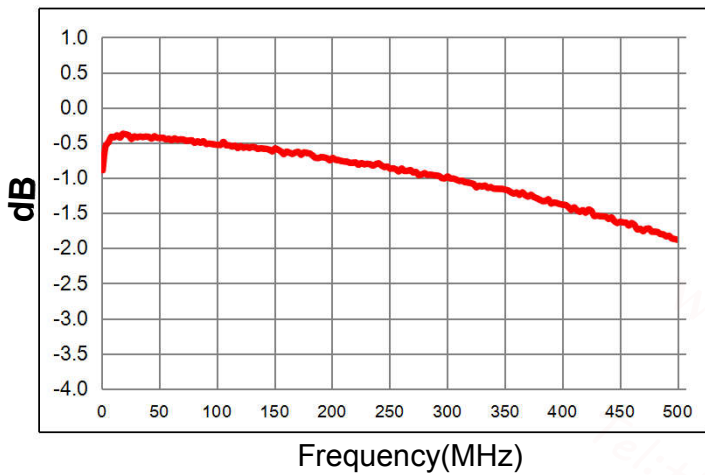
Electrical Specifications: TA=25°C, 0dBm,Z0=50Ω:

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss(out1)	0.4-500MHz	dB	—	1.5	3.0
Main line Loss(out2)	0.4-500MHz	dB	—	0.5	3.0
Amplitude Unbalance	0.4-500MHz	dB	0.0	0.5	2.0
Phase Unbalance	0.4-500MHz	Degrees	0.0	5.0	20.0
Input Return Loss	0.4-500MHz	dB	5.0	15.0	—

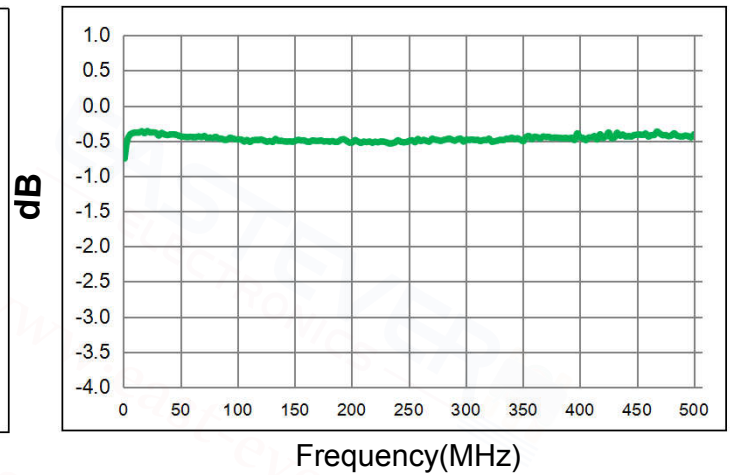
Network Analyzer Test Data Sheet Photos:



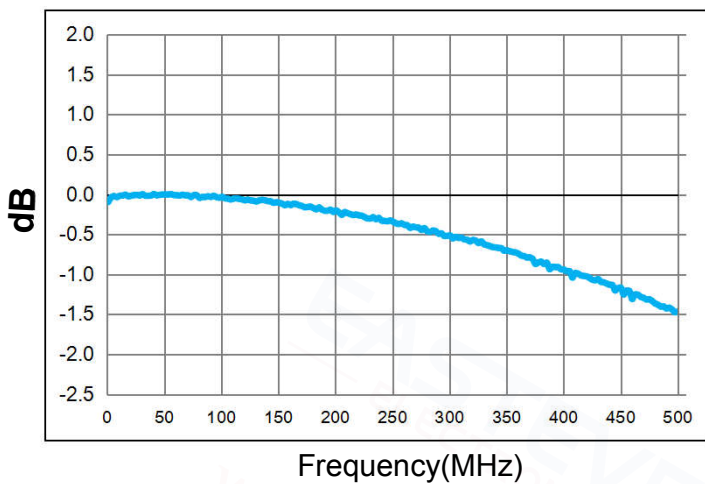
Main line Loss(out1)



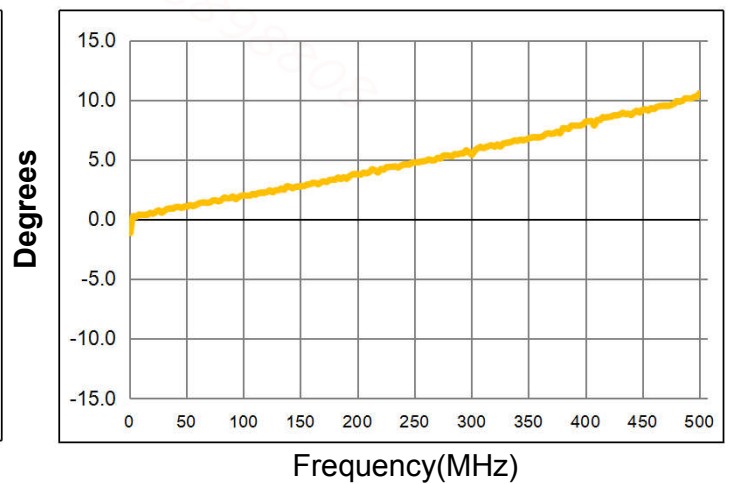
Main line Loss(out2)



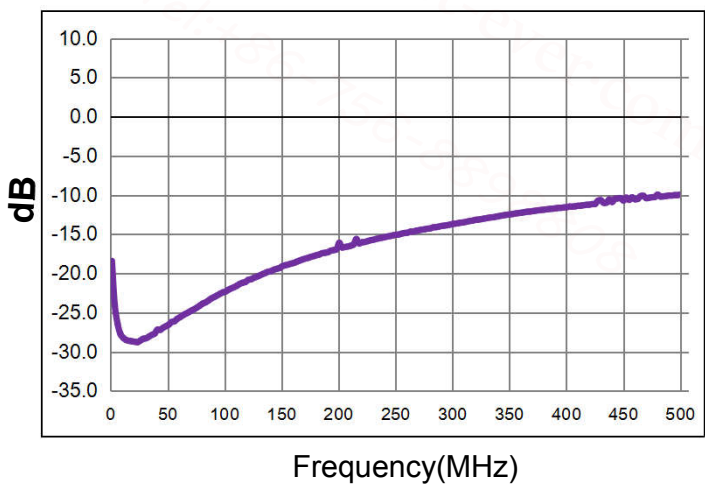
Amplitude Unbalance



Phase Unbalance

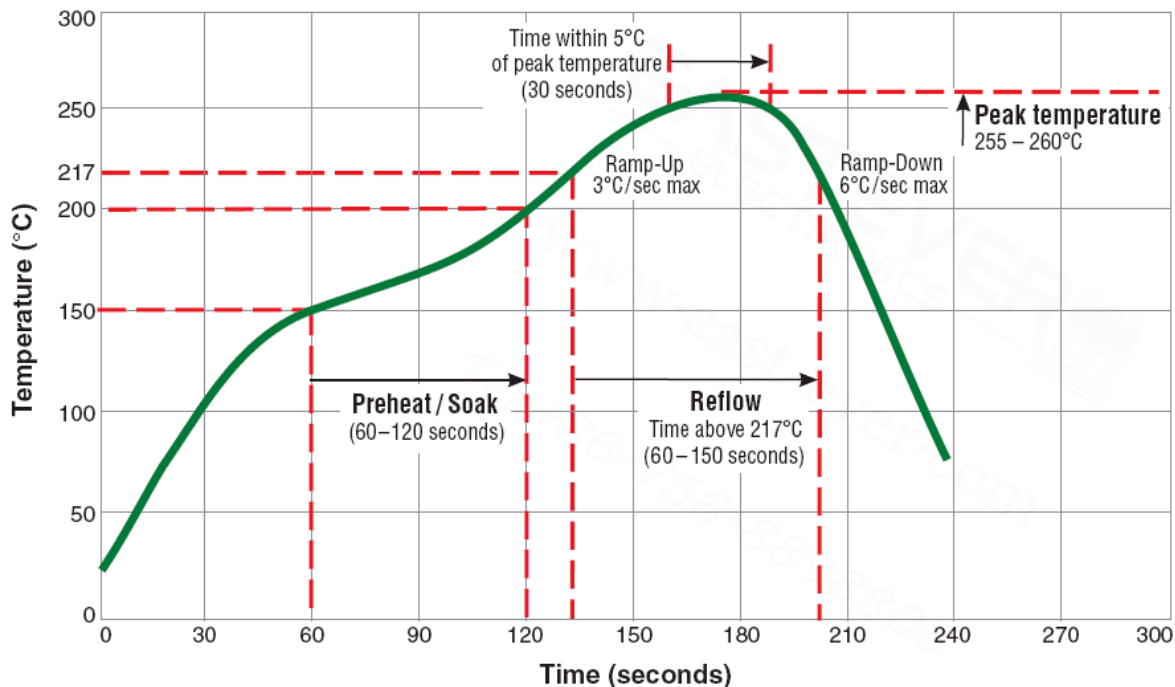


Input Return Loss

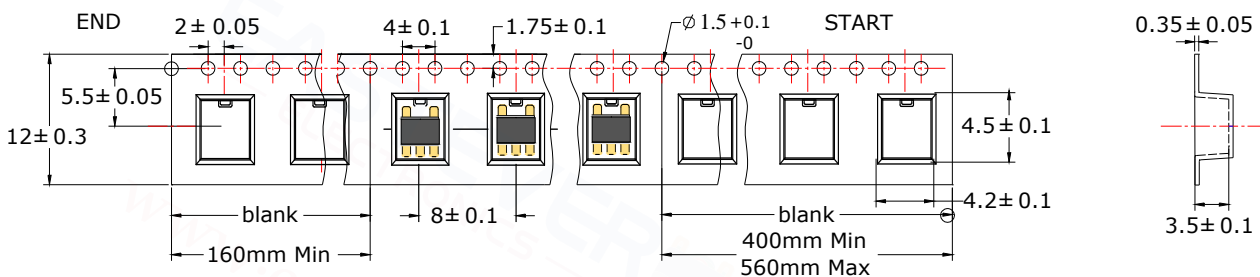


Recommended Soldering Temperature Graph:

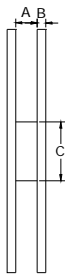
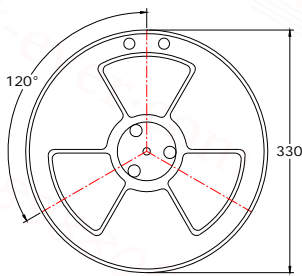
Typical RoHS Reflow Profile



Packging Dimension For Caeier Tape(UNIT:mm):



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



SPEC	8	12	16	24
DIM A±0.1	8.5	1	16.5	24.5
DIM B±0.1	2.3	2	2.3	2.3
DIM C±0.1	100	100	100	100

