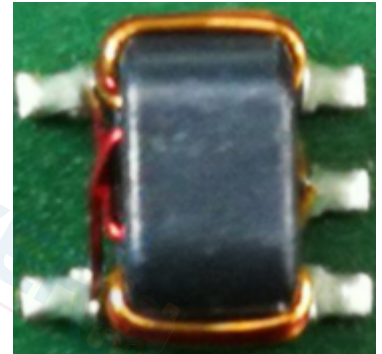


Features::

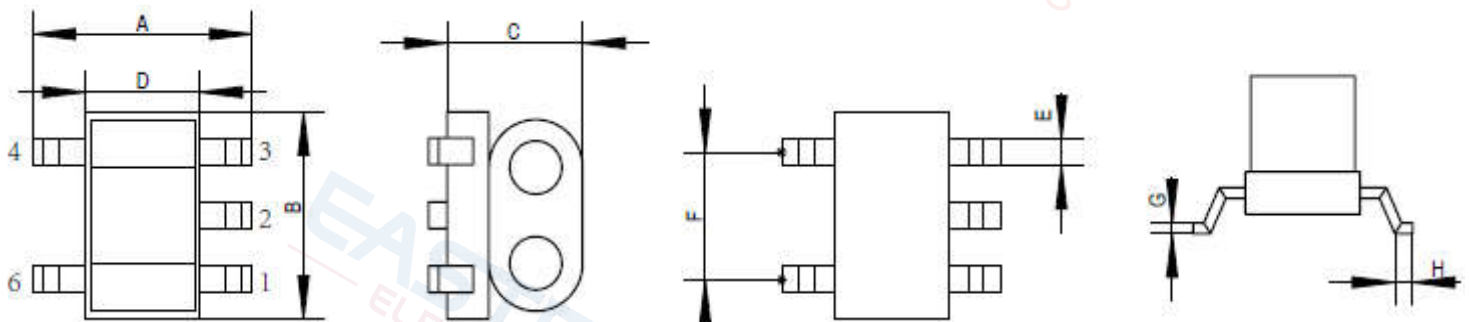
- ◆ 1: 4 Impedance
- ◆ 75Ω Impedance
- ◆ Frequency: 5 to 1218 MHz
- ◆ RF power: 0.25W
- ◆ DC current: 30mA
- ◆ Operating temperature range: -40°C to +85°C
- ◆ Storage temperature range: -55°C to +100°C



Applications:

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

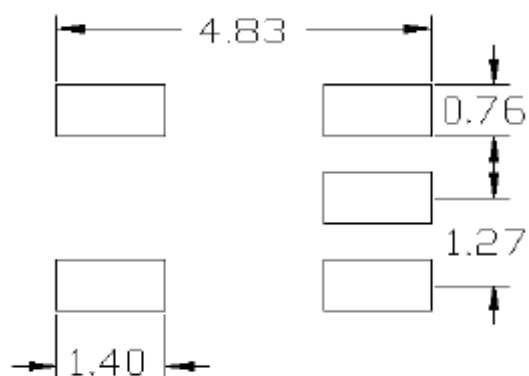
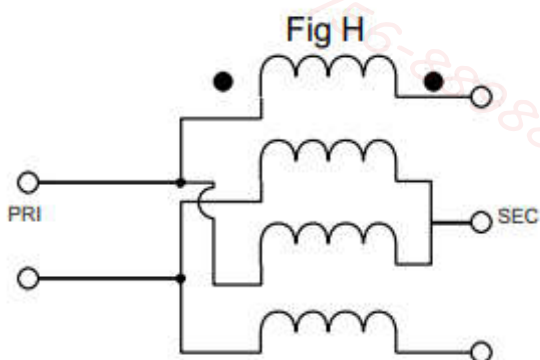
Dimension Diagram (Unit:mm) :



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:

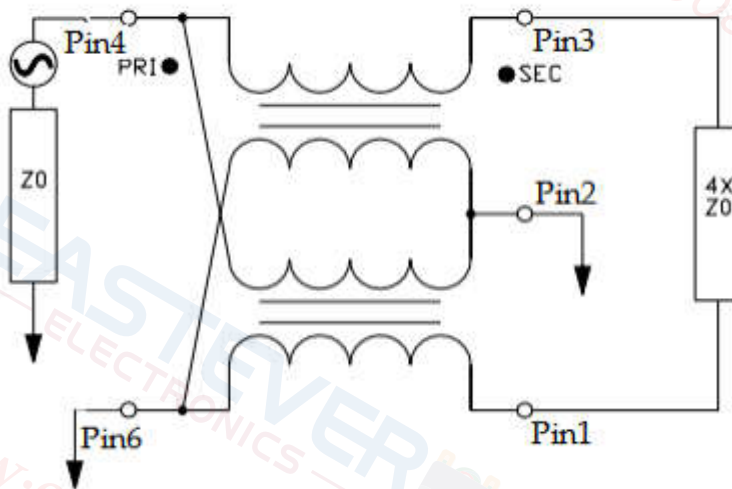
Recommended layout:



Pin configuration:

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

Application circuit :

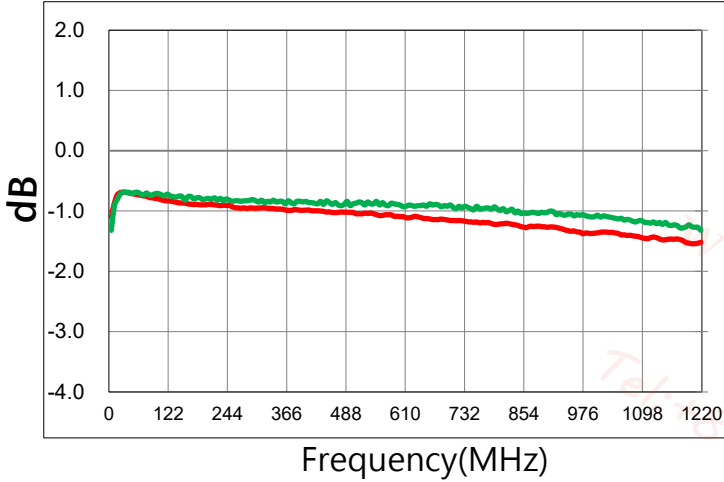


Electrical Specifications: TA=25°C, 0dBm, Z0=75Ω:

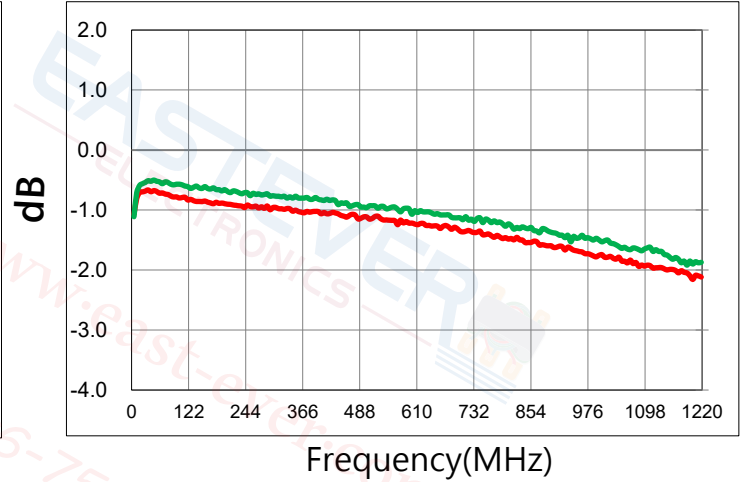
Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss(out1)	5-1218MHz	dB	—	1.00	2.00
Main line Loss(out2)	5-1218MHz	dB	—	1.50	2.50
Amplitude Balance	5-1218MHz	dB	0.00	0.70	1.50
Phase Balance	5-1218MHz	Degrees	0.00	3.00	15.00
Input Return Loss	5-566MHz	dB	15.00	20.00	—
Input Return Loss	566-1020MHz	dB	10.00	15.00	—

RF Parameter Test Curve(Old —, New —):

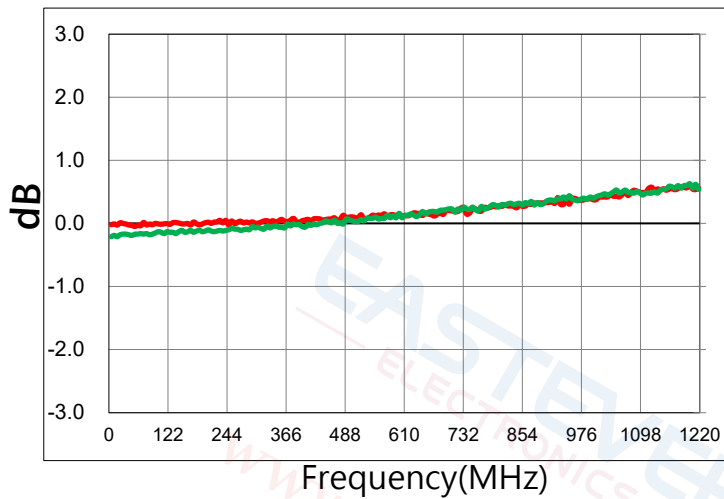
Main line Loss(Pin4-3)



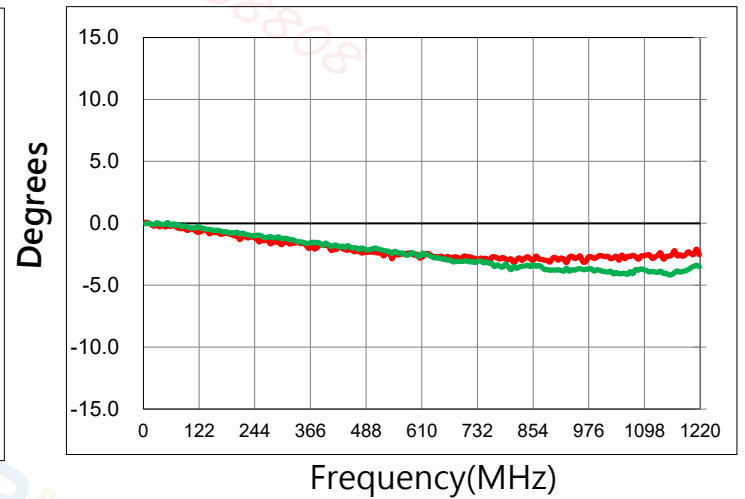
Main line Loss(Pin4-1)



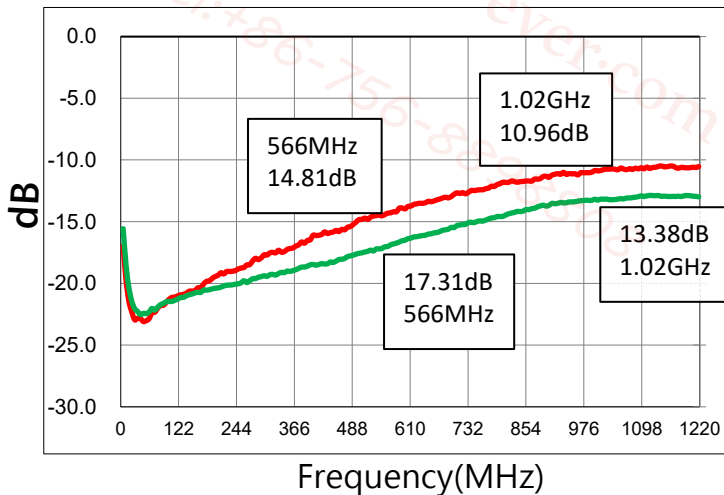
Amplitude Balance



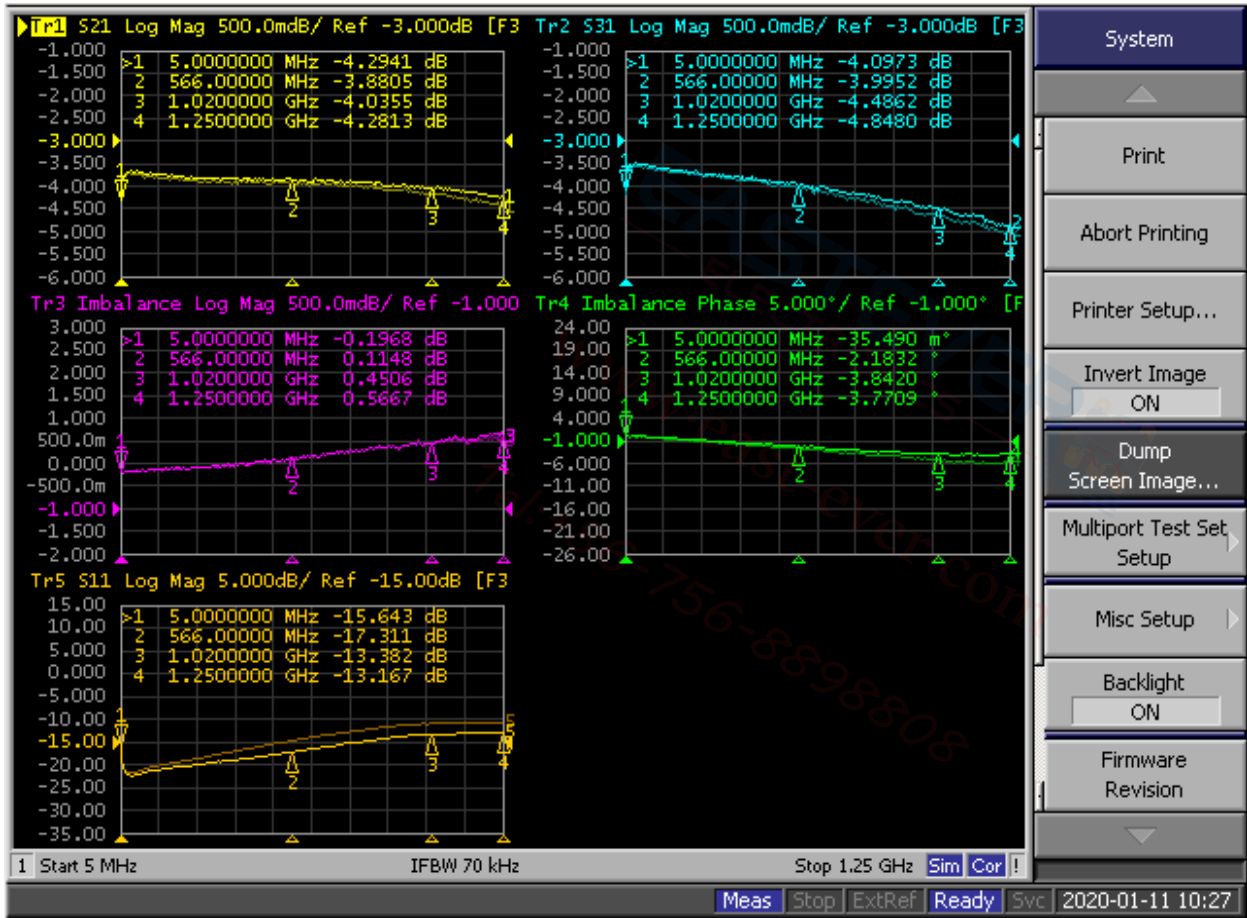
Phase Balance



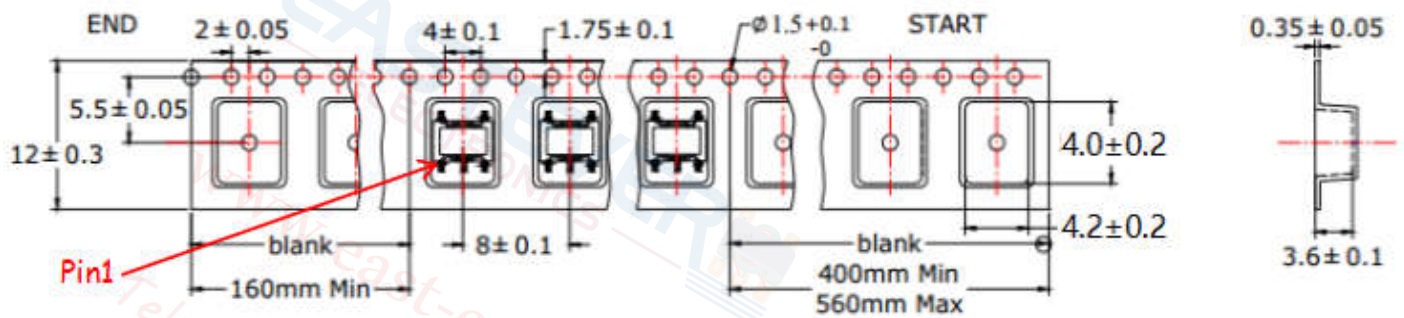
Input Return Loss(Pin1)



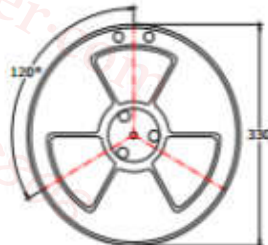
Network Analyzer Test Data Sheet Photos:



Packging Dimension For Caeier Tape(UNIT:mm):



QUANTITY
2000PCS/Reel
4Reels/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

