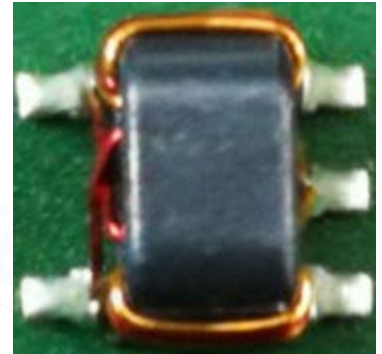


Features::

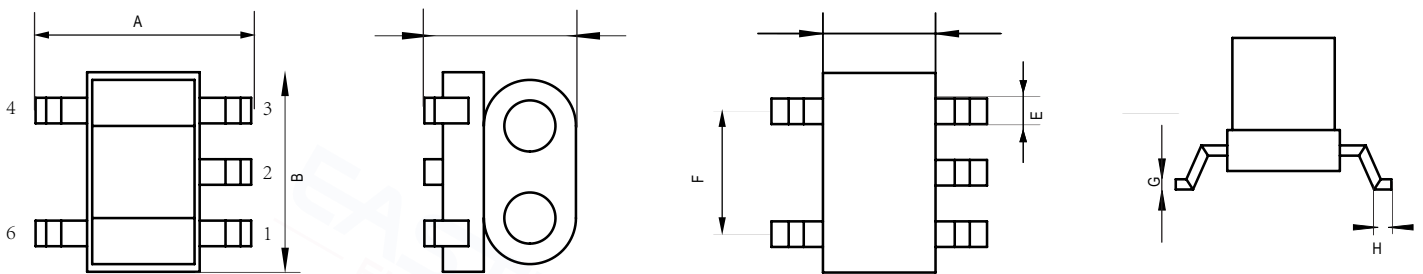
- ◆ 1: 4 Impedance
- ◆ 75Ω Impedance
- ◆ Frequency: 5 to 1218 MHz
- ◆ RF power: 0.25W
- ◆ DC current: 30mA
- ◆ Operating temperature range: -40°C to +85°C
- ◆ Storage temperature range: -55°C to +100°C



Applications:

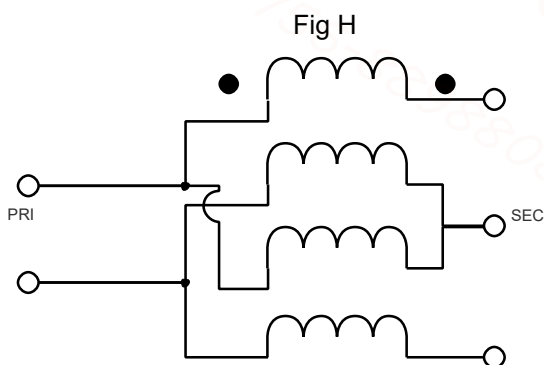
- ◆ For broadband and wireless communications
- ◆ For VHF/UHF receivers/transmitters and push-pull amplifiers

Dimension Diagram (Unit:mm) :

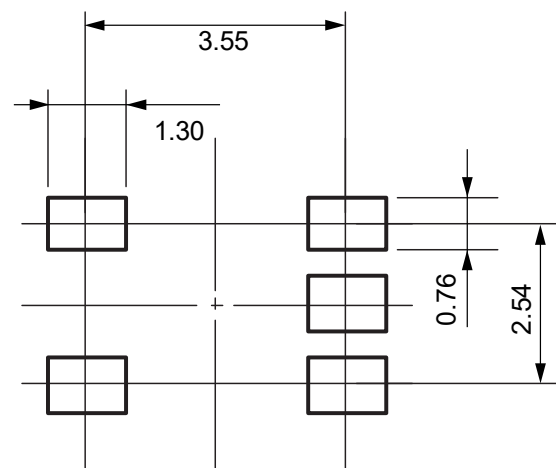


A=4.10±0.20 B=3.80±0.20 C=3.20±0.20 D=2.20±0.20 E=0.50±0.10 F=2.54±0.10 G=0.25±0.10 H=0.30±0.10

Electrical structure:



Recommended layout:



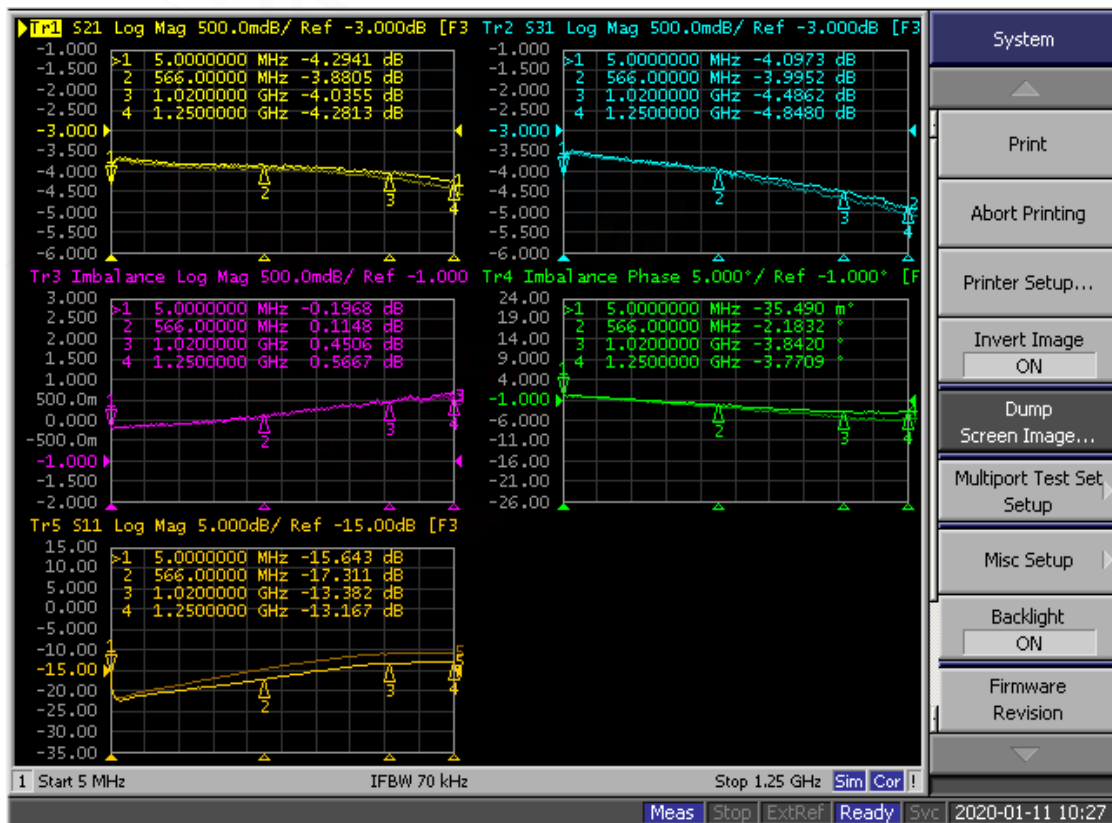
Pin configuration:

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

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

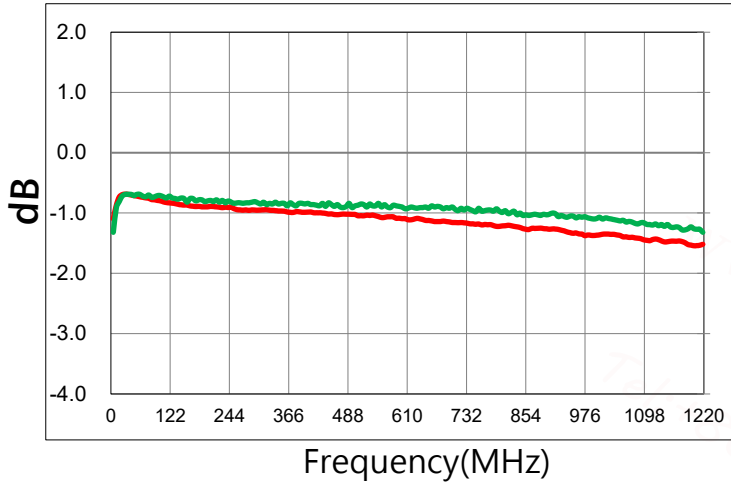
Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss(out1)	5-1218MHz	dB	—	1.00	2.00
Main line Loss(out2)	5-1218MHz	dB	—	1.50	2.50
Amplitude Balance	5-1218MHz	dB	0.00	0.70	1.50
Phase Balance	5-1218MHz	Degrees	0.00	3.00	15.00
Input Return Loss	5-566MHz	dB	15.00	20.00	—
Input Return Loss	566-1020MHz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

Network Analyzer Test Data Sheet Photos:

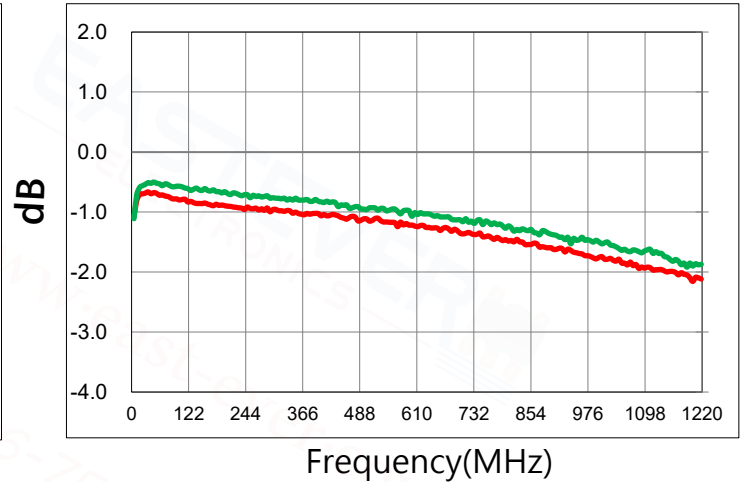


RF Parameter Test Curve(Old —, New —):

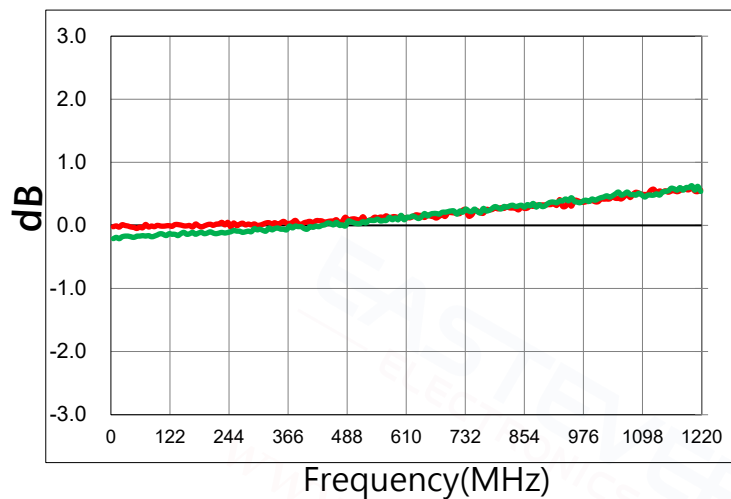
Main line Loss(Pin4-3)



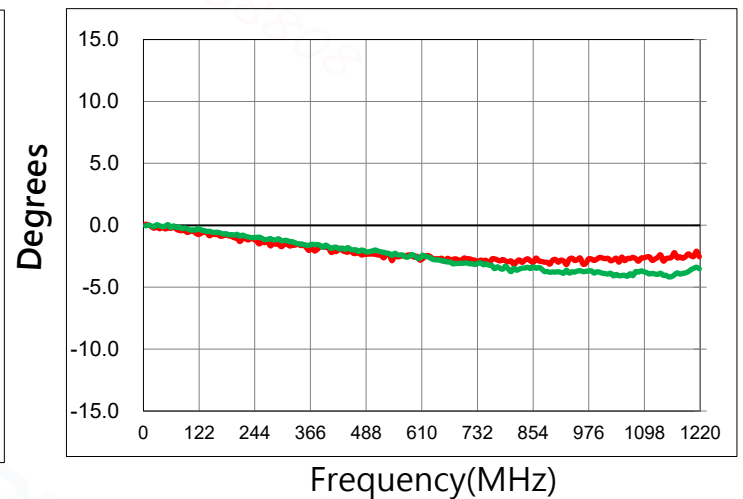
Main line Loss(Pin4-1)



Amplitude Balance



Phase Balance



Input Return Loss(Pin1)

