

Features:

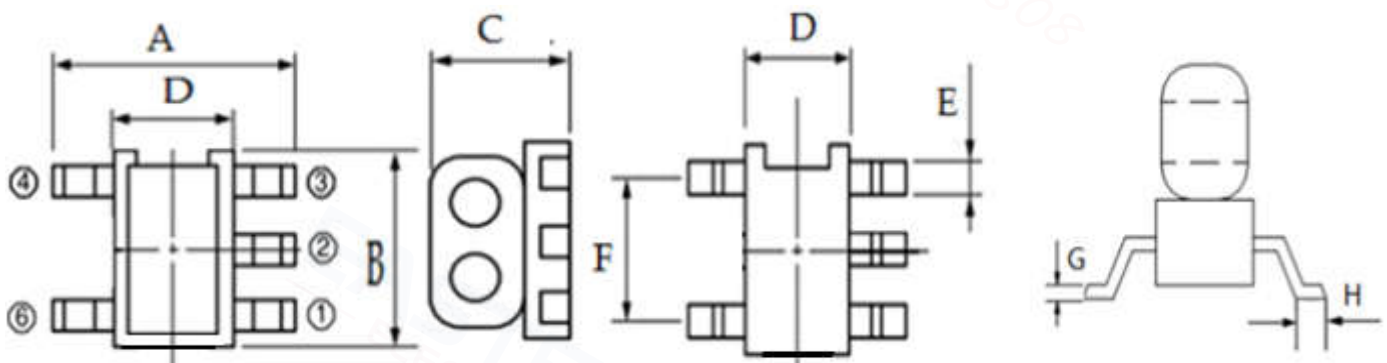
- ◆75Ω Impedance
- ◆RF power: 0.25W
- ◆DC current: 30mA
- ◆Insertion loss: 0.80dB Max
- ◆Return loss: 6.0dB Min
- ◆Operating temperature range: -40°C to +85°C
- ◆Storage temperature range: -55°C to +100°C



Applications:

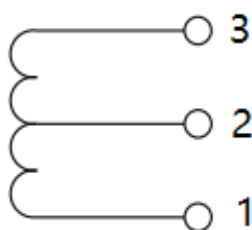
- ◆For CATV broadb and FTTX applications
- ◆For VHF/UHF receivers/transmitters and push-pull amplifiers

Dimension Diagram (Unit:mm) :

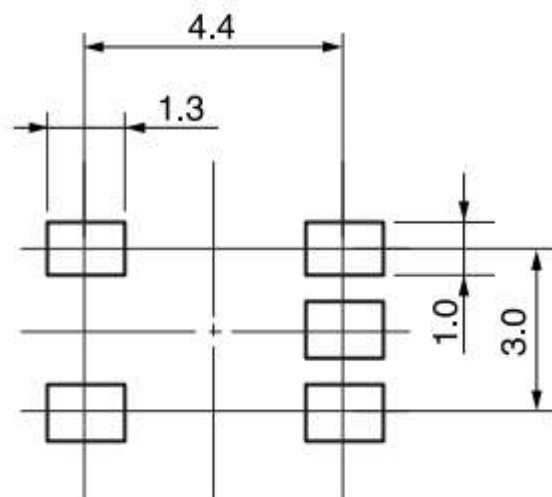


A=5.10±0.20 B=4.30±0.20 C=3.50 Max D=2.80±0.20 E=0.55±0.05 F=3.00±0.05 G=0.25±0.05 H=0.60±0.05

Electrical structure:

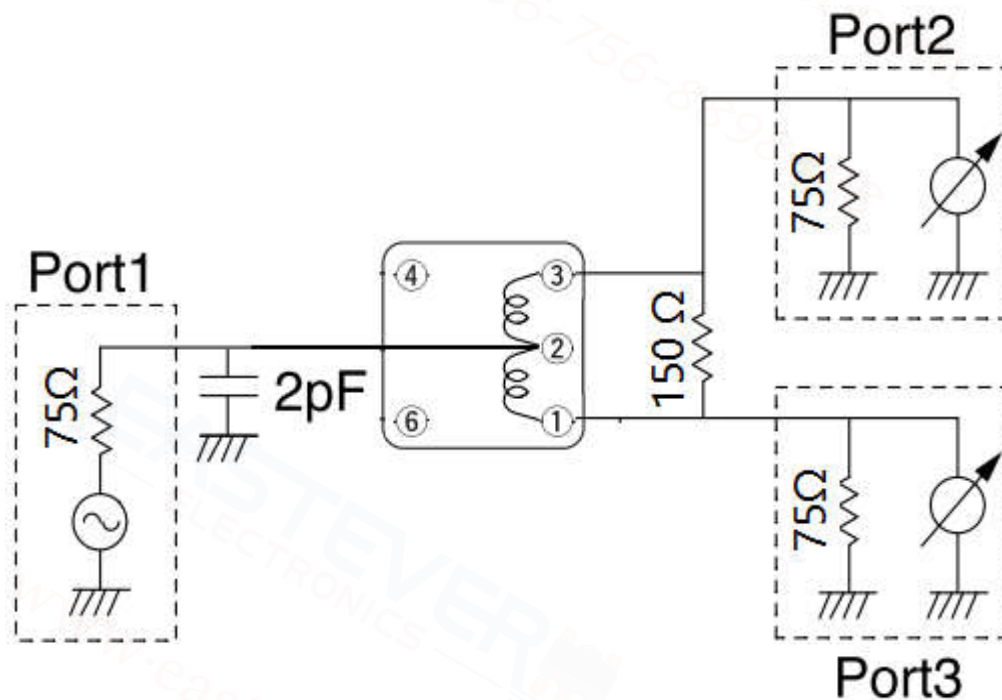


Recommended layout:



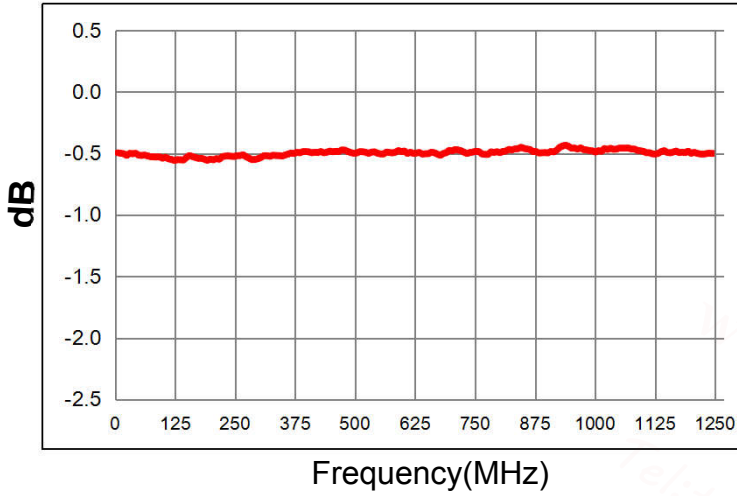
Pin configuration:

Pin No	Function
1	Port 3
2	Port 1
3	Port 2
4	Not connected
6	Not connected

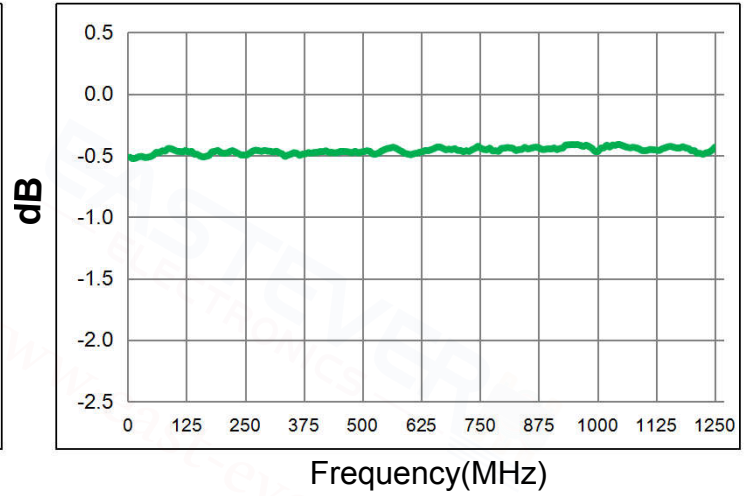
Application circuit :**Electrical Specifications: TA=25°C, 0dBm, Z0=75 Ω :**

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss (pin2-1)	5-1250MHz	dB	—	0.5	0.8
Main line Loss (pin2-3)	5-1250MHz	dB	—	0.5	0.8
Port 1 Return Loss	5-1250MHz	dB	6.0	10.0	
Port 2 Return Loss	5-1250MHz	dB	10.0	25.0	
Port 3 Return Loss	5-1250MHz	dB	10.0	25.0	

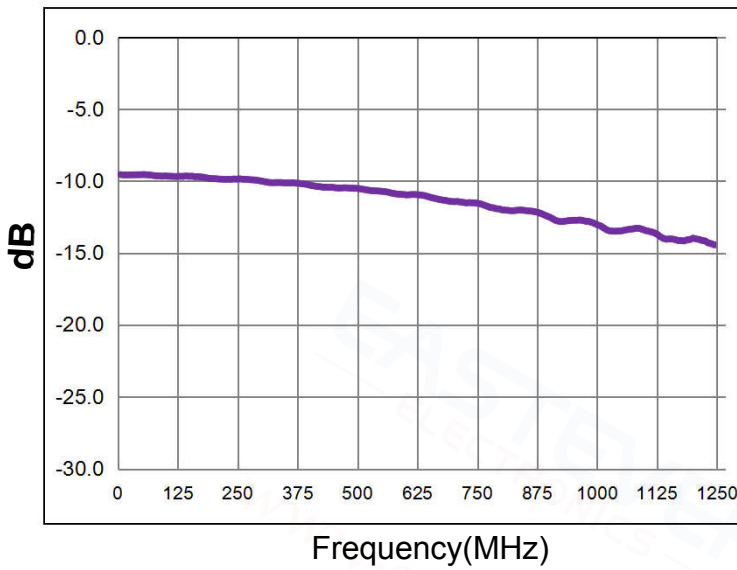
Main line Loss(pin2-1)



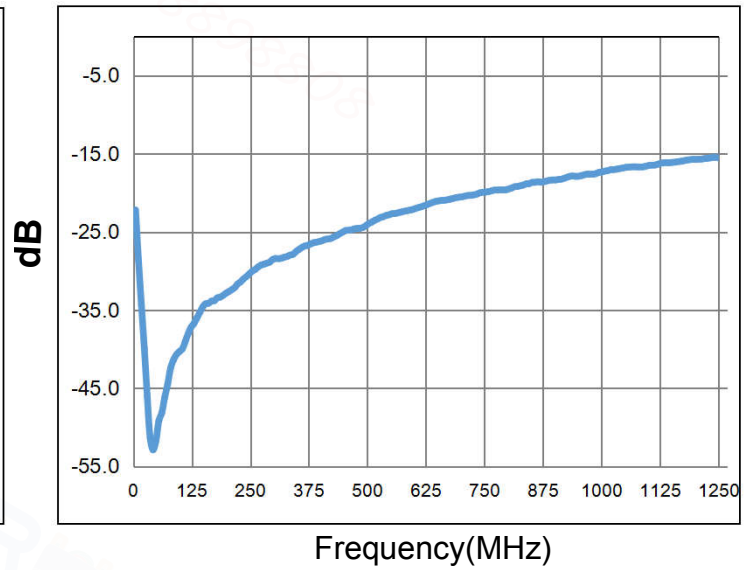
Main line Loss(pin2-3)



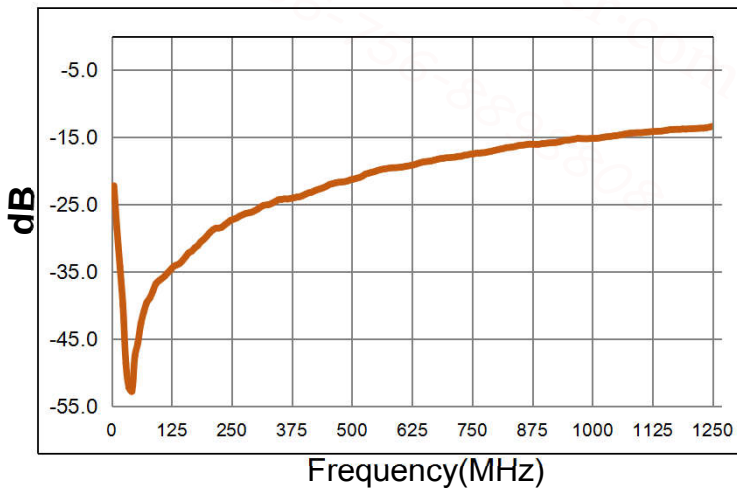
Port 1 Return Loss(pin2)



Port 2 Return Loss(pin3)

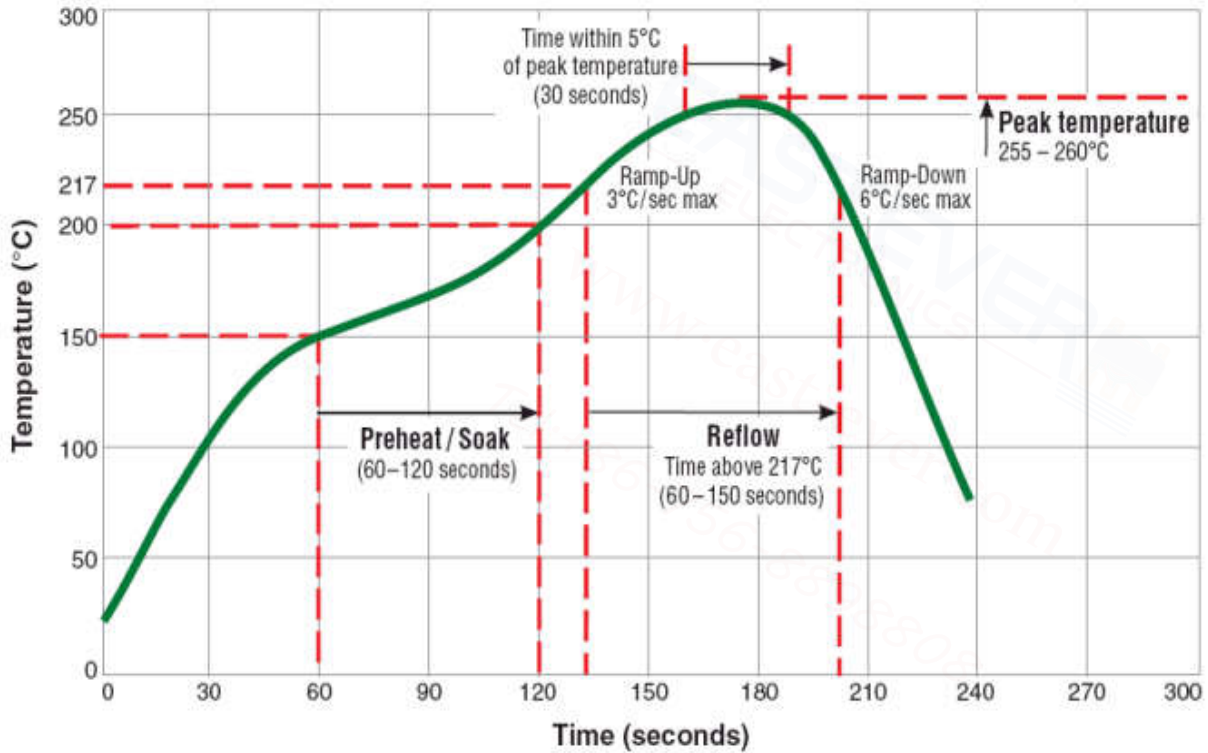


Port 3 Return Loss(pin1)

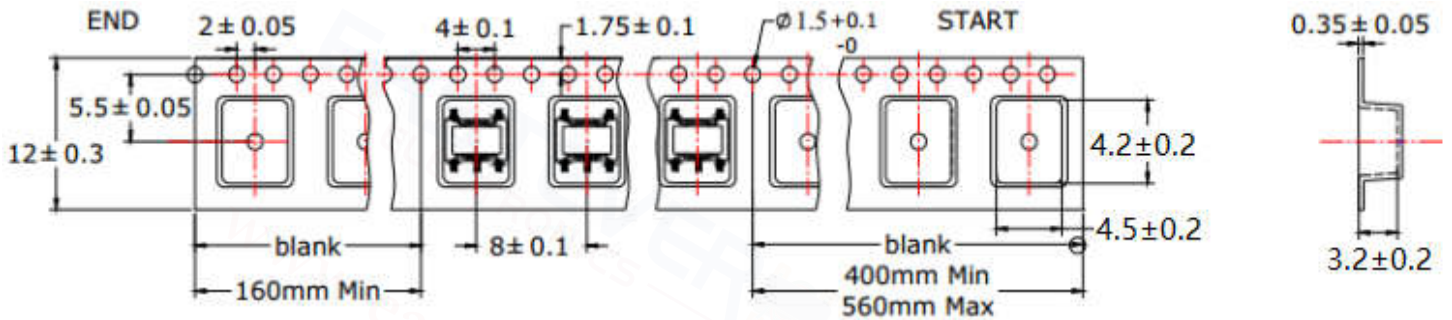


Recommended Soldering Temperature Graph:

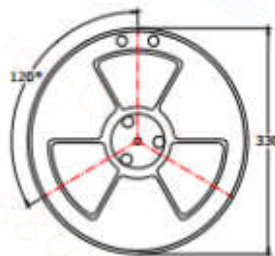
Typical RoHS Reflow Profile



Packaging 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

