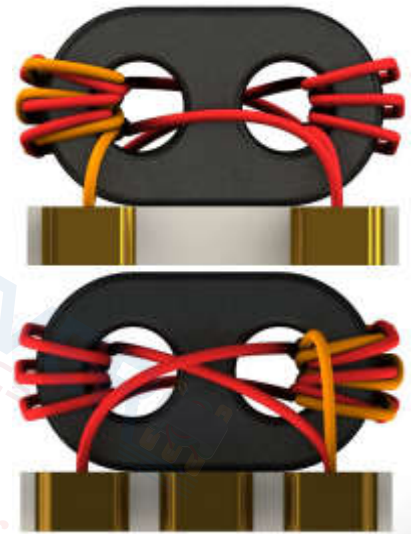


**Features::**

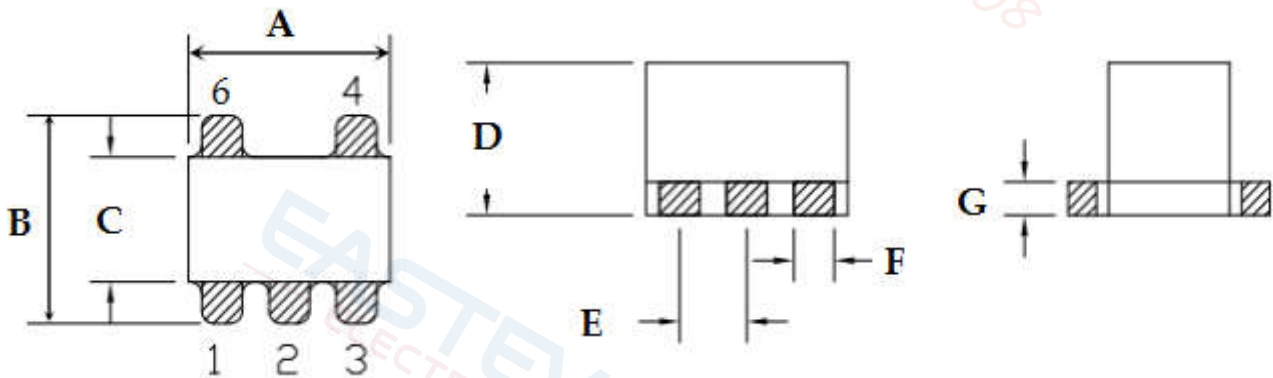
- ◆ 75Ω Impedance
- ◆ Frequency: 30 to 1250 MHz
- ◆ RF power: 2.0W
- ◆ DC current: 500mA
- ◆ Insertion loss: 1.5dB Max
- ◆ Operating temperature range: -40°C to +85°C
- ◆ Storage temperature range: -55°C to +100°C



**Applications:**

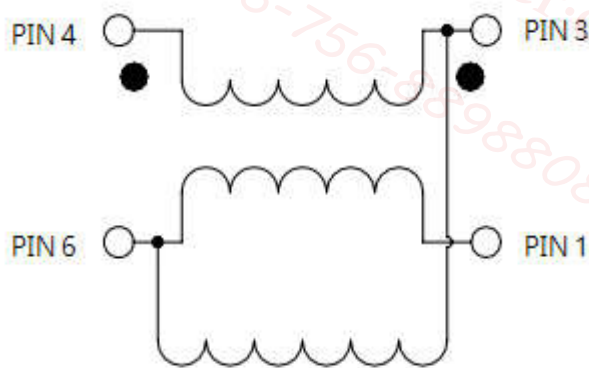
- ◆ For broadband and wireless communications
- ◆ For VHF/UHF receivers/transmitters and push-pull amplifiers

**Dimension Diagram (Unit:mm) :**

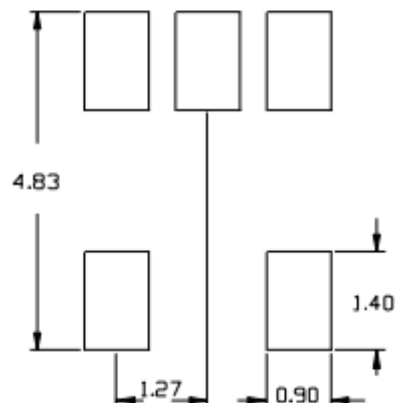


A=3.80±0.20 B=3.80±0.20 C=2.30±0.20 D=2.80±0.20 E=1.27±0.10 F=0.76±0.10 G=0.60±0.10

**Electrical structure:**

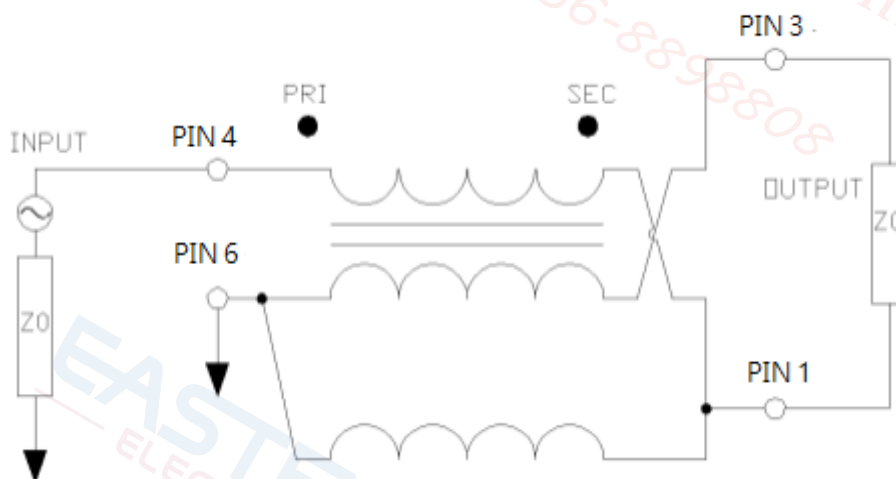


**Recommended layout:**



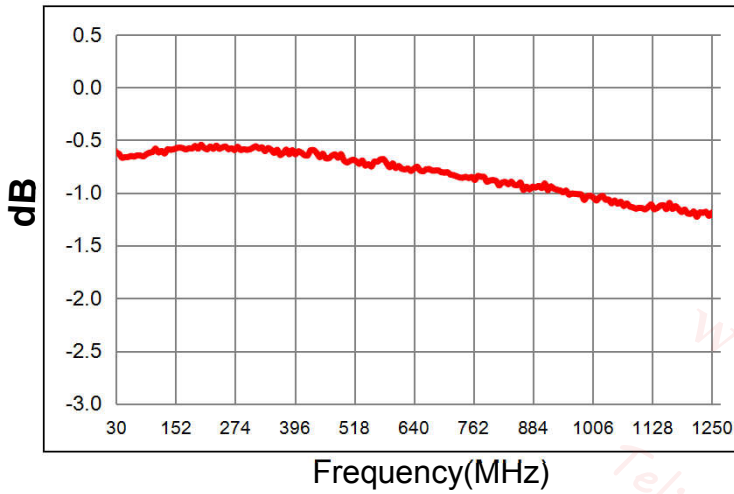
**Pin configuration:**

Pin No.	Function
1	Output 2
2	Not Used
3	Output 1
4	Input
6	Ground

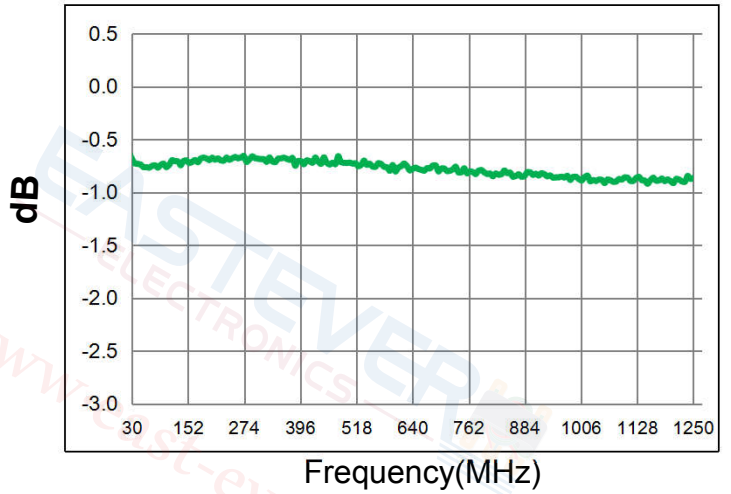
**Application circuit :****Electrical Specifications: TA=25°C, 0dBm, Z0=75Ω:**

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss(out1)	30-640MHz	dB	-	0.6	1.0
	640-1250MHz	dB	-	1.0	1.5
Main line Loss(out2)	30-1250MHz	dB	-	0.7	1.3
Amplitude Balance	30-1250MHz	dB	-	0.2	±0.7
Phase Balance	30-1250MHz	Degrees	-	5.0	±7.0
Input Return Loss	30-1250MHz	dB	10.0	25.0	—

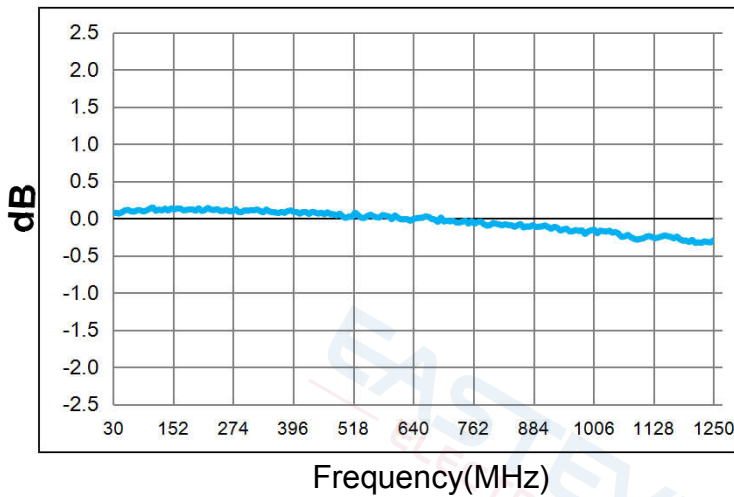
Main line Loss(out1)



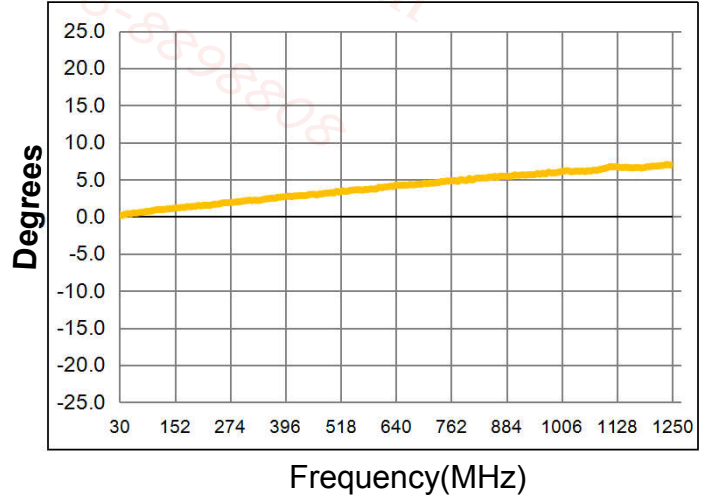
Main line Loss(out2)



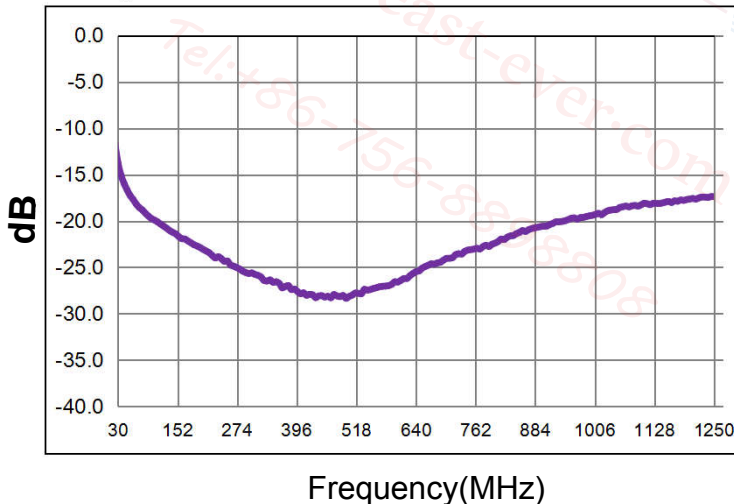
Amplitude Balance



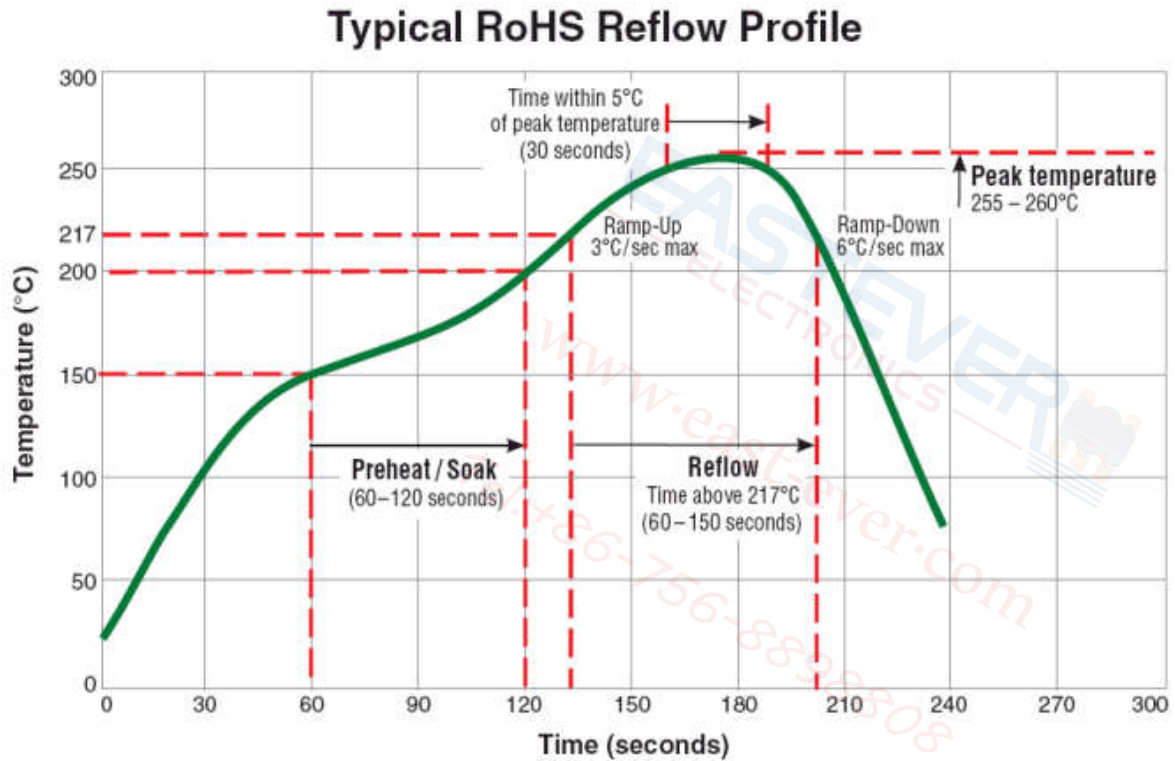
Phase Balance



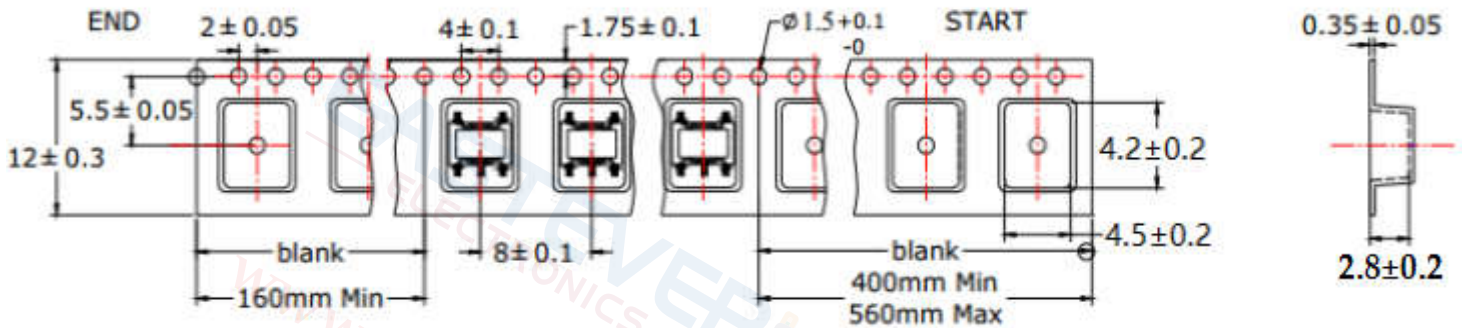
Input Return Loss



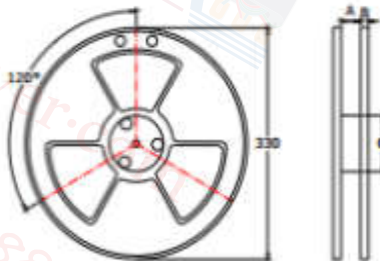
**Recommended Soldering Temperature Graph:**



**Packing Dimension For Caeier Tape(UNIT:mm):**



QUANTITY
2000pcs/reel
4Reel/Middle Carton
4Middle Carton/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

