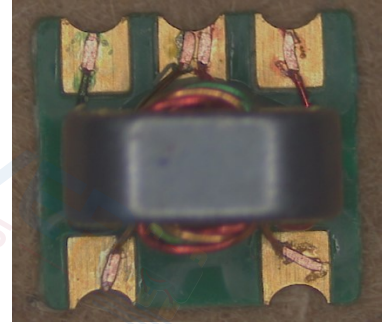


**Features:**

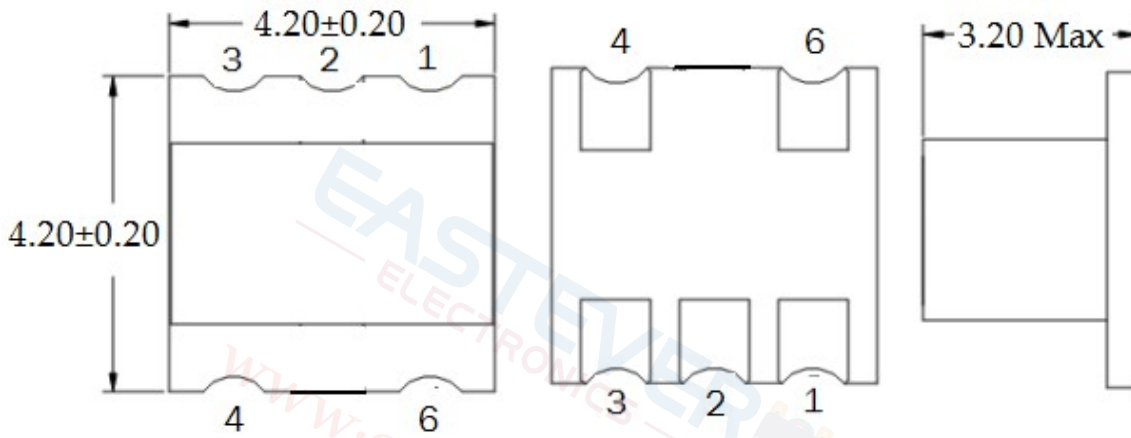
- ◆ Equivalent to: CX2049LNL
- ◆ 75Ω Characteristic Impedance
- ◆ Frequency: 0.25 to 500MHz
- ◆ RF power: 0.50W
- ◆ Operating temperature range: -40°C to +85°C
- ◆ Storage temperature range: -55°C to +125°C



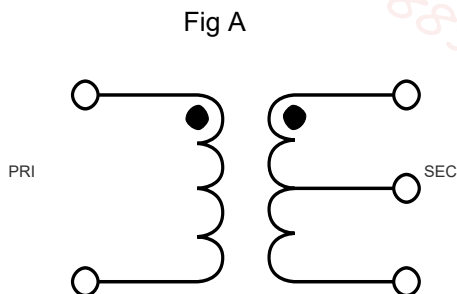
**Applications:**

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

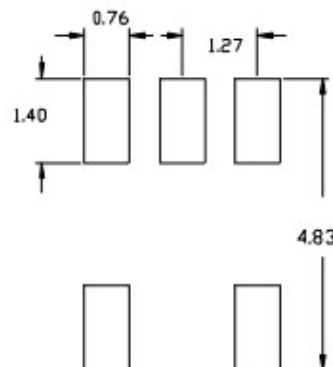
**Dimension Diagram (Unit:mm) :**



**Electrical structure:**

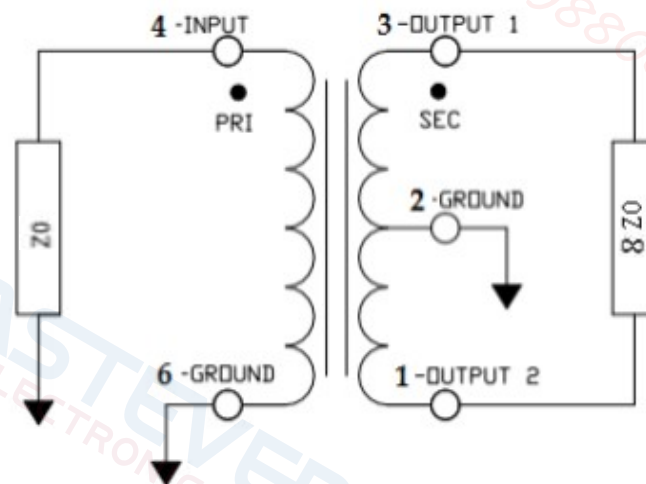


**Recommended layout:**



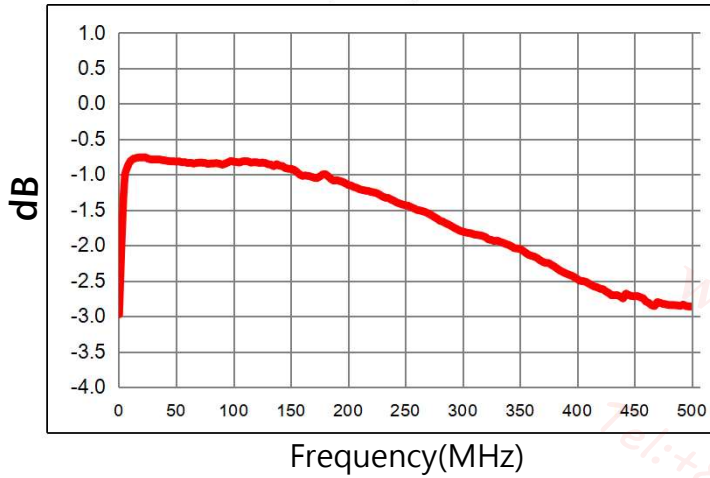
**Pin configuration:**

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

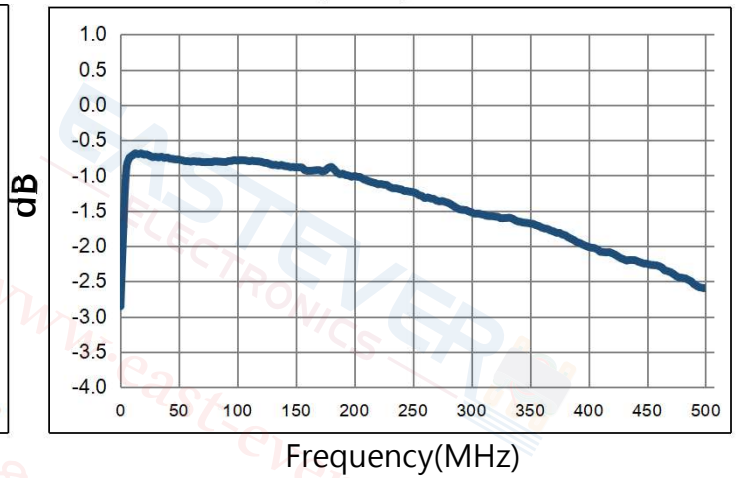
**Application circuit :****Electrical Specifications: TA=25°C, 0dBm, Z0=75Ω:**

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss(out1)	0.25-500MHz	dB	—	1.5	3.0
Main line Loss(out2)	0.25-500MHz	dB	—	1.5	3.0
Amplitude Balance	0.25-500MHz	dB	—	0.2	1.5
Phase Balance	0.25-500MHz	Degrees	—	3.0	10.0
Input Return Loss	0.25-500MHz	dB	3.0	10.0	—

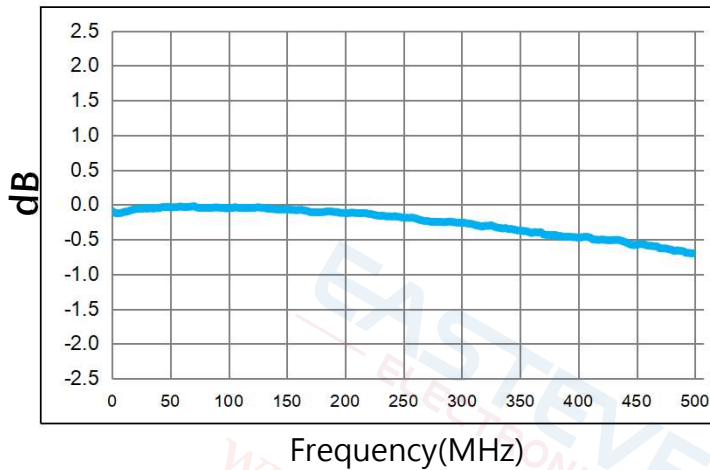
Main line Loss(out1)



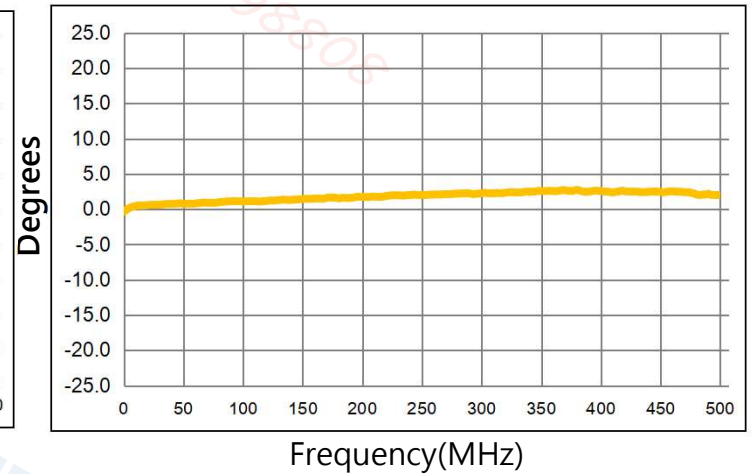
Main line Loss(out2)



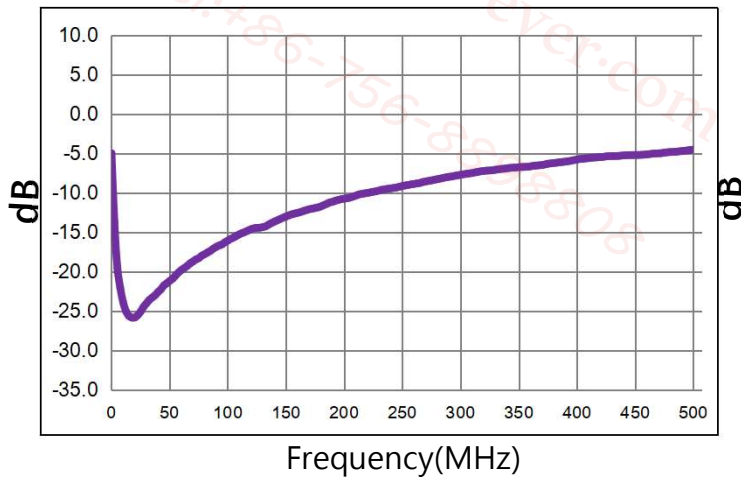
Amplitude Balance



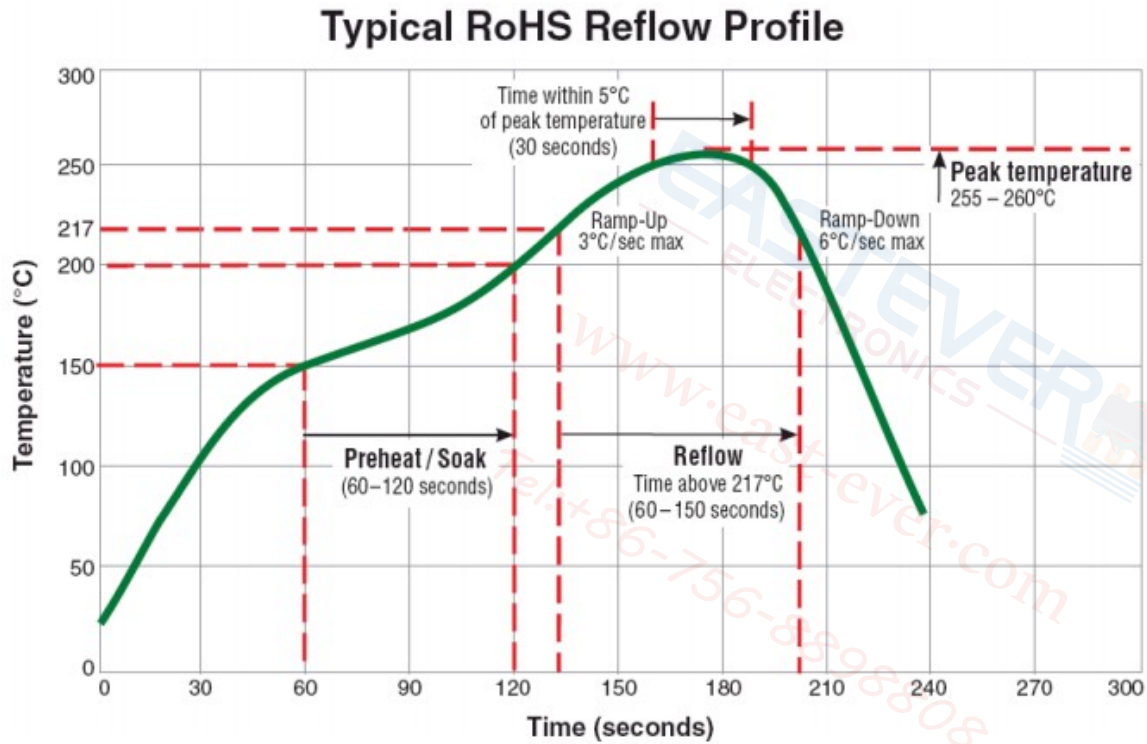
Phase Balance



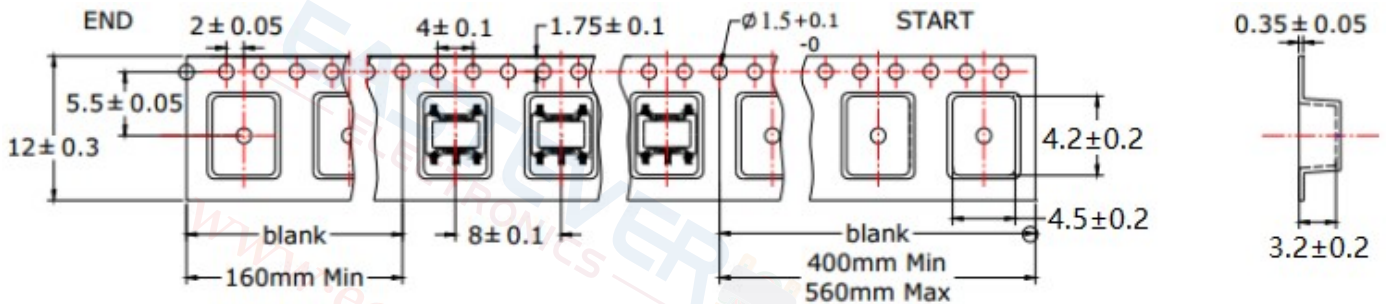
Input Return Loss



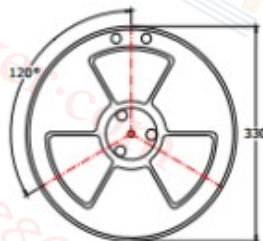
**Recommended Soldering Temperature Graph:**



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



<b>QUANTITY</b>
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

