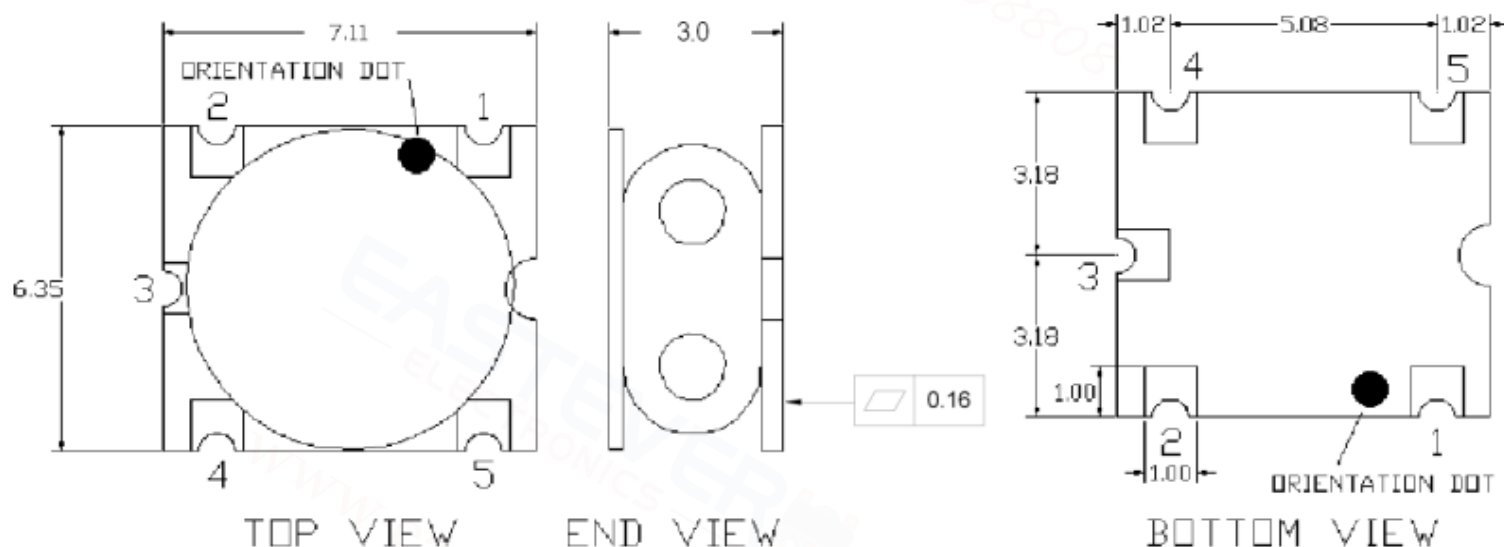
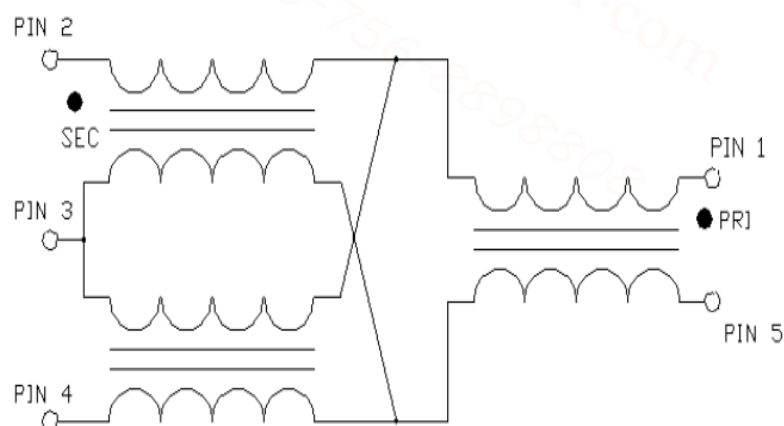
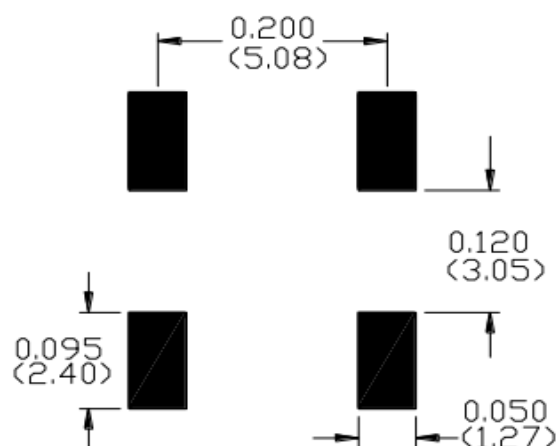


**Features::**

- ◆ 75Ω Characteristic Impedance
- ◆ Frequency: 5 to 1250 MHz
- ◆ RF power: 0.50W
- ◆ DC current: 30mA
- ◆ Operating temperature range: -40°C to +85°C
- ◆ Storage temperature range: -55°C to +100°C

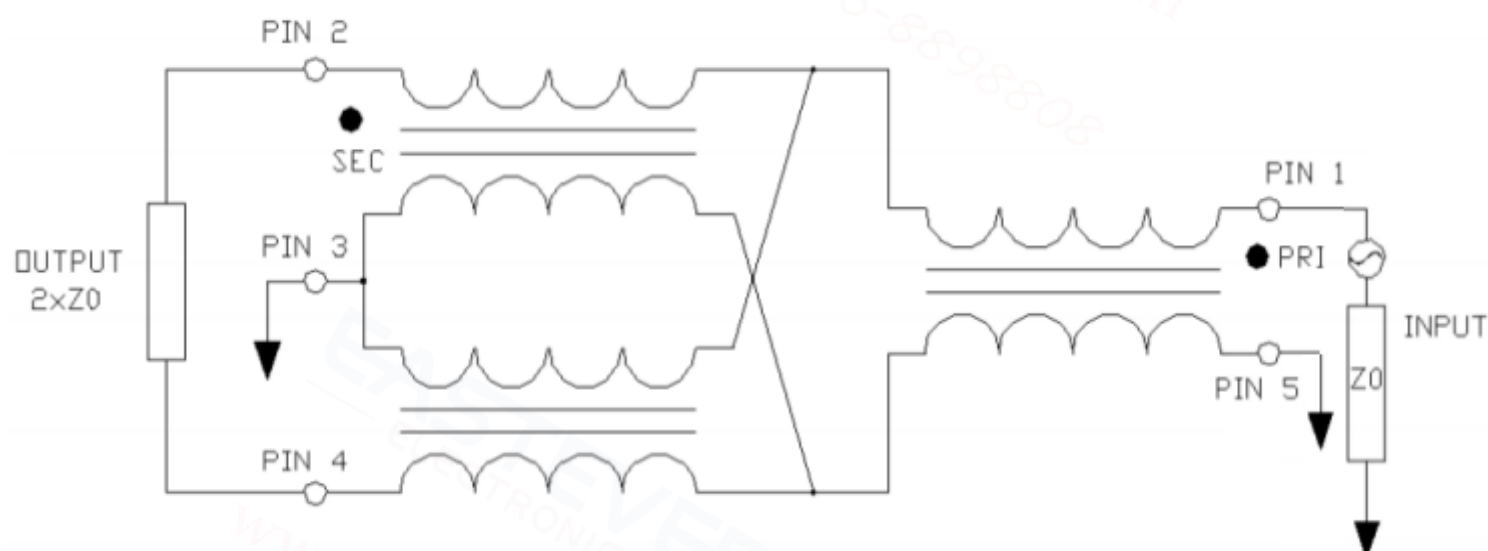
Applications:

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

Dimension Diagram :**Electrical structure:****Recommended layout:**

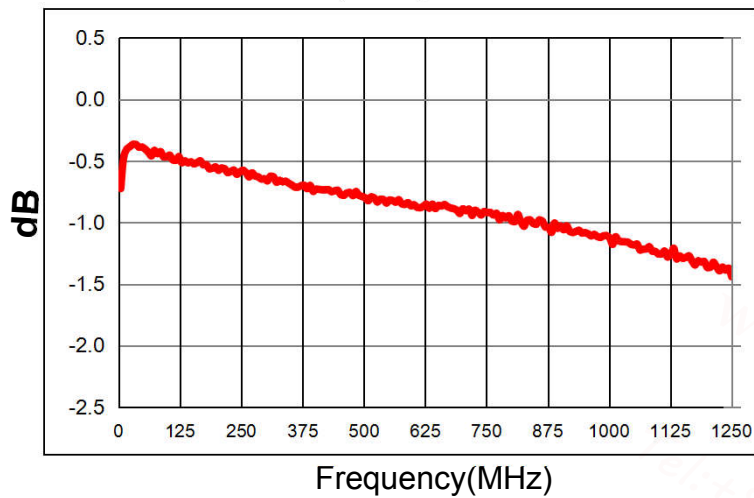
Pin configuration:

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

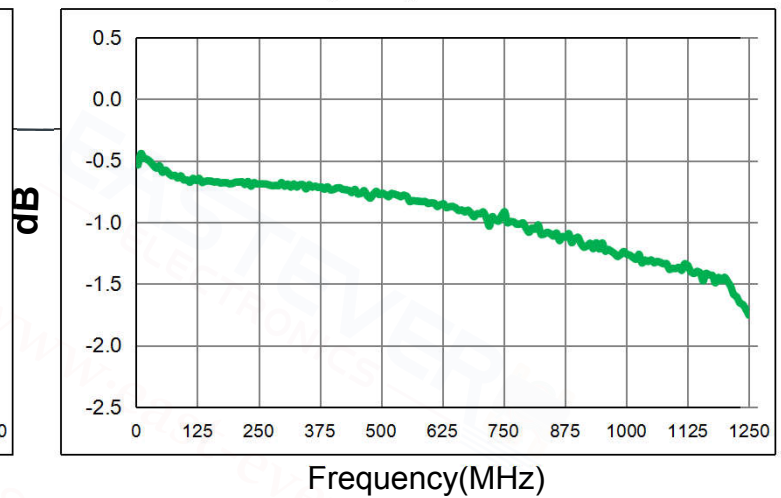
Application circuit :**Electrical Specifications: TA=25°C,0dBm,Z0=75Ω**

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss(out1)	5-1250MHz	dB	—	0.8	2.0
Main line Loss(out2)	5-1250MHz	dB	—	1.2	2.5
Amplitude Balance	5-1250MHz	dB	—	0.6	±1.8
Phase Balance	5-1250MHz	Degrees	—	±5	±7.0
Input Return Loss	5-1250MHz	dB	8.0	17.0	—

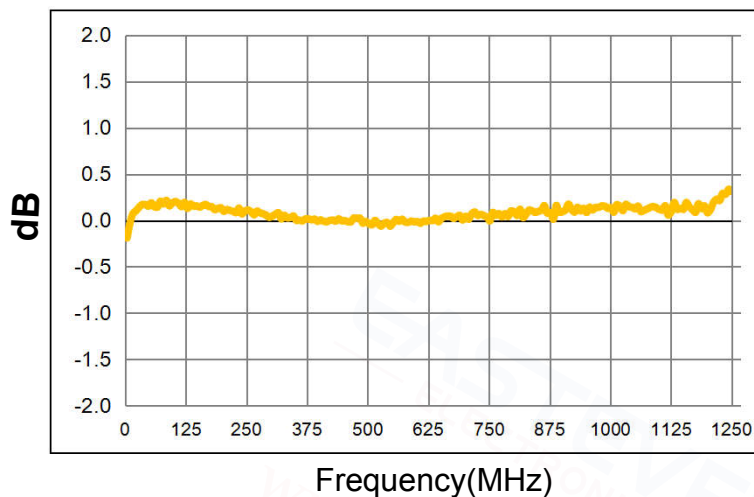
Main line Loss(out1)



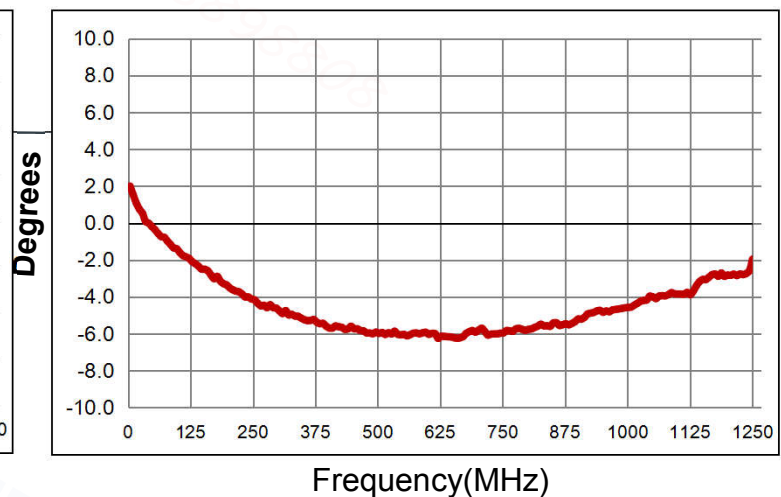
Main line Loss(out2)



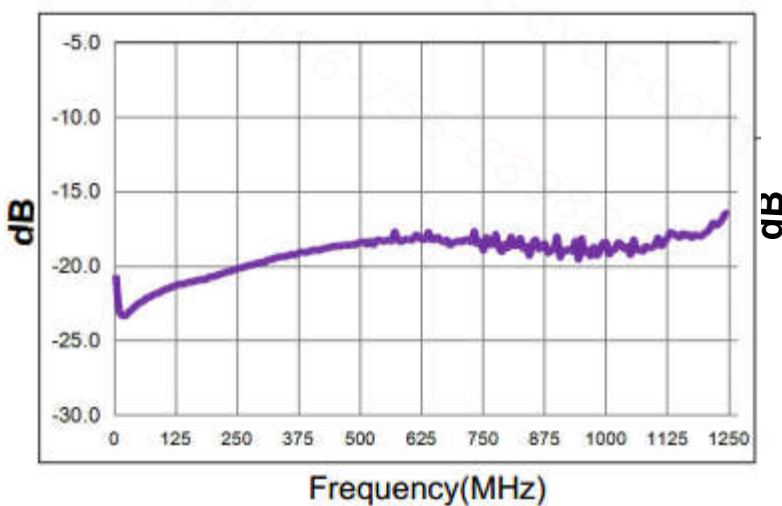
Amplitude Balance



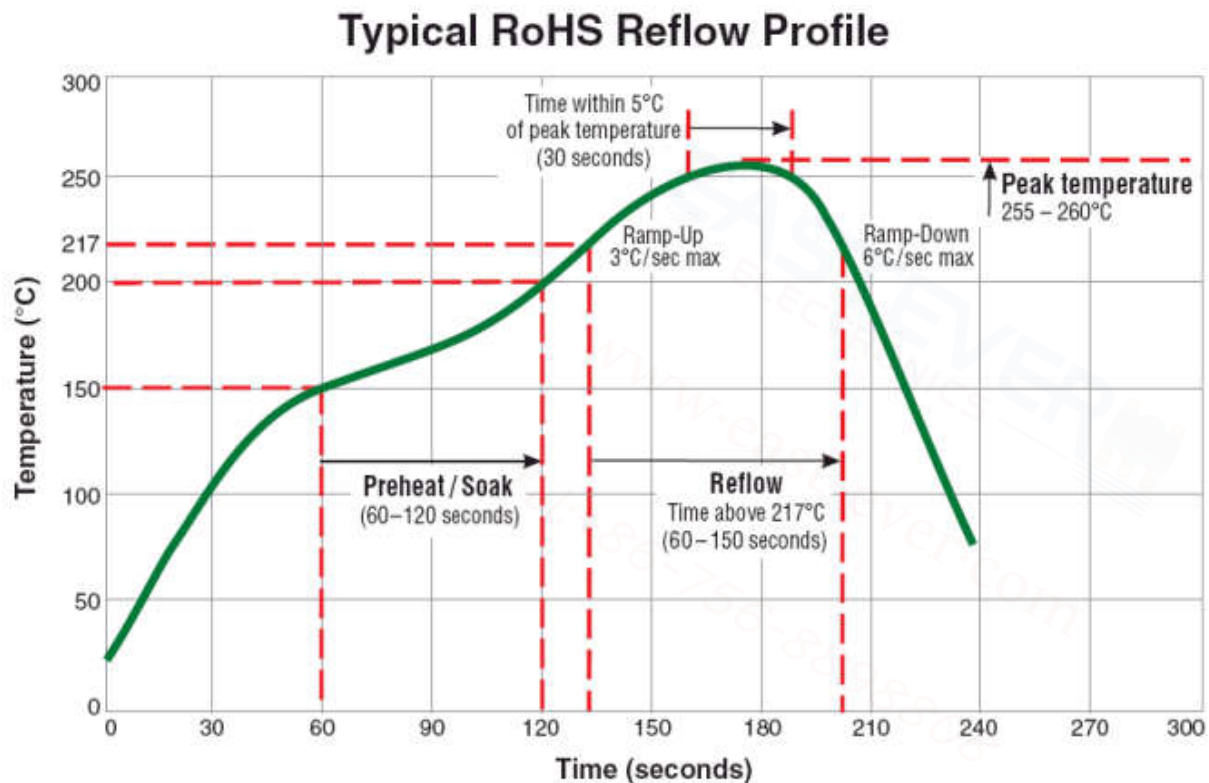
Phase Balance



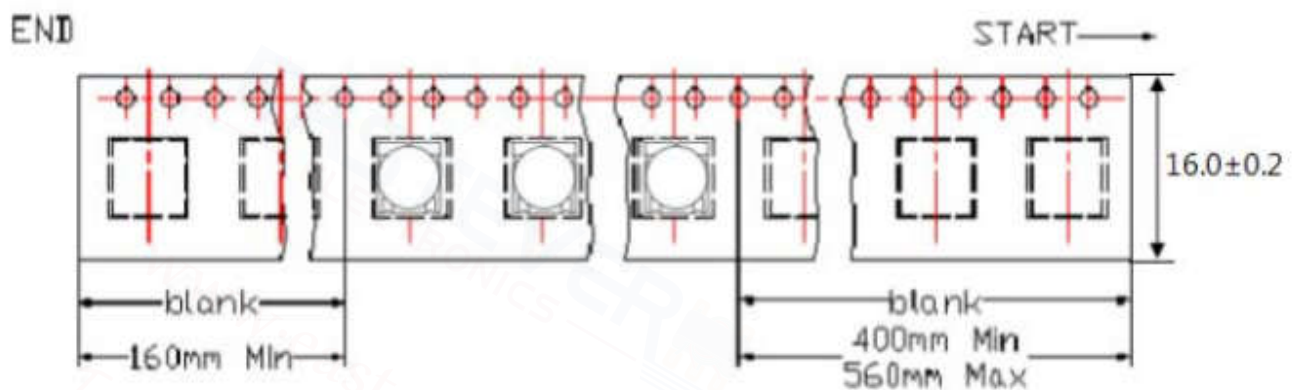
Input Return Loss



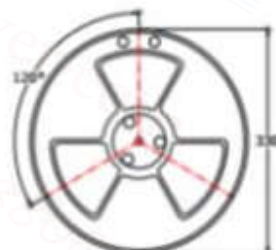
Recommended Soldering Temperature Graph:



Packing Dimension For Caeier Tape(UNIT:mm):



QUANTITY
1500PCS/Reel
3 Reels/Middle Carton Middle Carton:
4 Middle Cartons/Big Carton
18000PCS/ 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

