

**Features:**

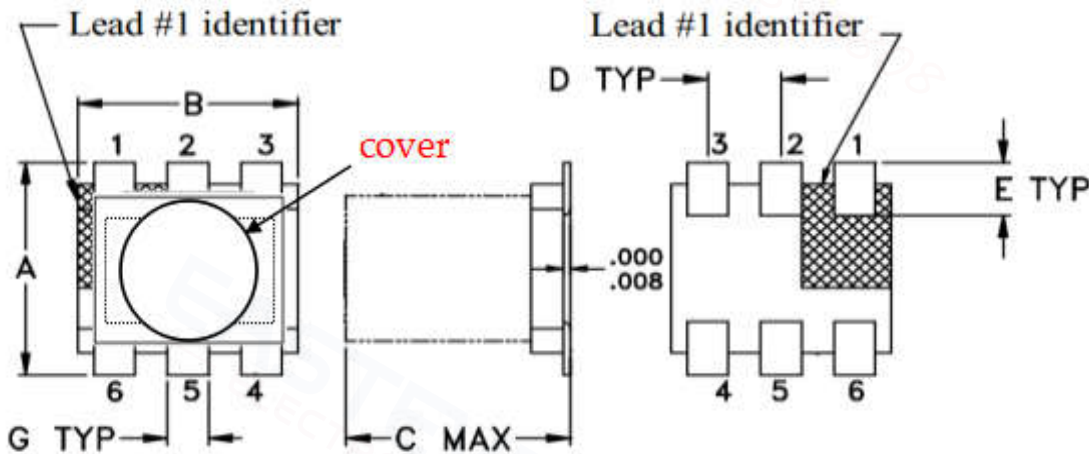
- ◆ Frequency Range: 5 to 2250 MHz
- ◆ Surface mount and available in tape and reel
- ◆ 260°C reflow compatible
- ◆ RoHS Compliant and Pb free
- ◆ Operating temperature range: -20°C to +85°C
- ◆ Storage temperature range: -55°C to +100°C



**Applications:**

- ◆ For catv
- ◆ For broadband and wireless communications

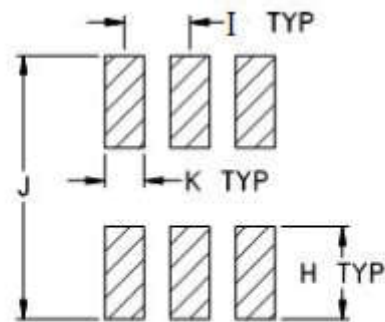
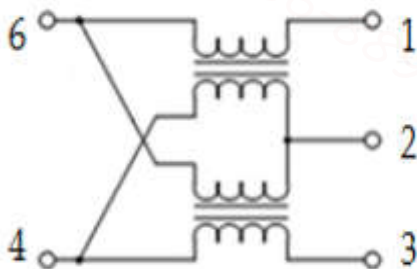
**Dimension diagram (Unit:mm) :**



A=4.20±0.20 B=3.80±0.20 C=3.50 Max D=1.27±0.05 E=1.00±0.05

**Electrical structure:**

**Recommended layout(mm):**

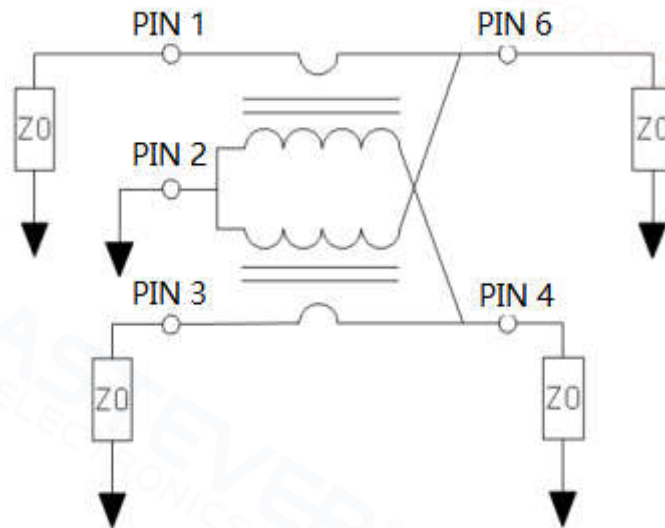


H 1.65 I 1.27 J 4.83 K 0.76

Pin configuration:

Pin no.	Function
1	Coupled
2	Ground
3	Input
4	Output
6	Isolated

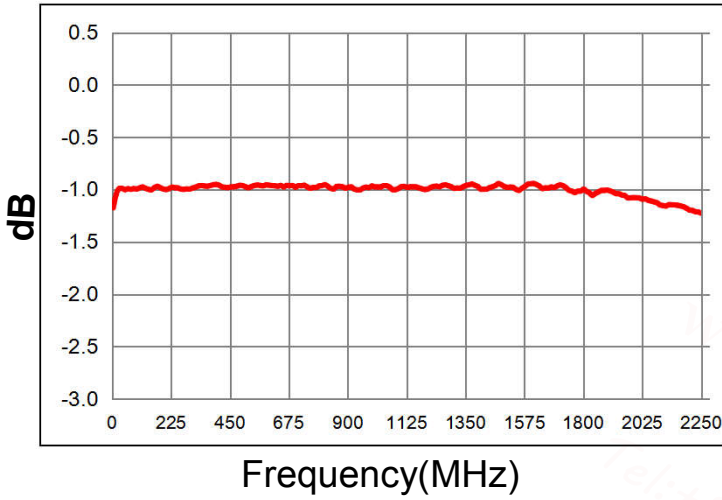
Application circuit :



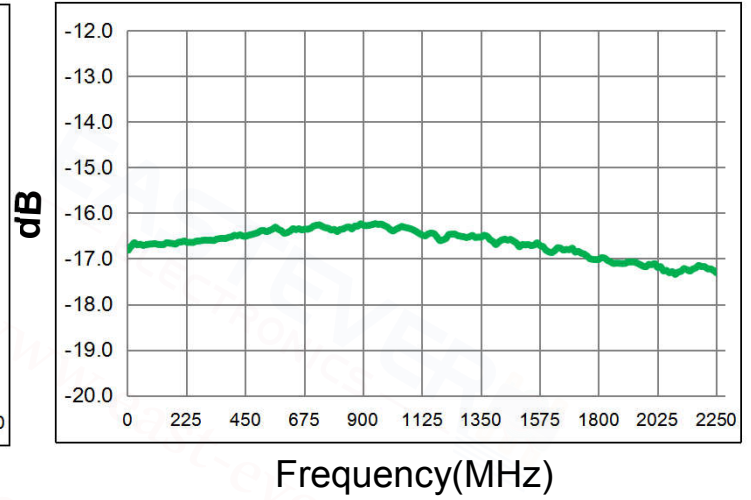
Electrical Specifications: TA=25°C, 0dBm, Z0=75Ω:

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss	5-2250MHz	dB	—	1.0	2.0
Coupling	5-2250MHz	dB	—	16.5	19.0
Input Return Loss	5-2250MHz	dB	11.0	25.0	—
Output Return Loss	5-2250MHz	dB	12.0	28.0	—
Coupling Return Loss	5-2250MHz	dB	10.0	26.0	—
Isolation	5-2250MHz	dB	22.0	30.0	—

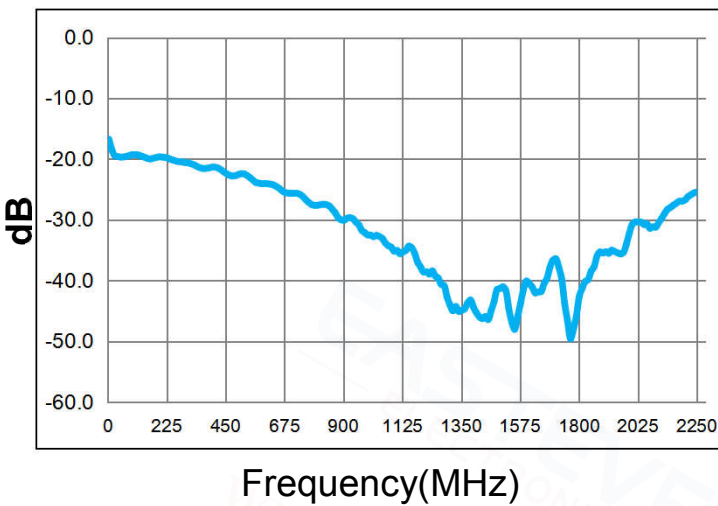
### Main line Loss(pin3-4):



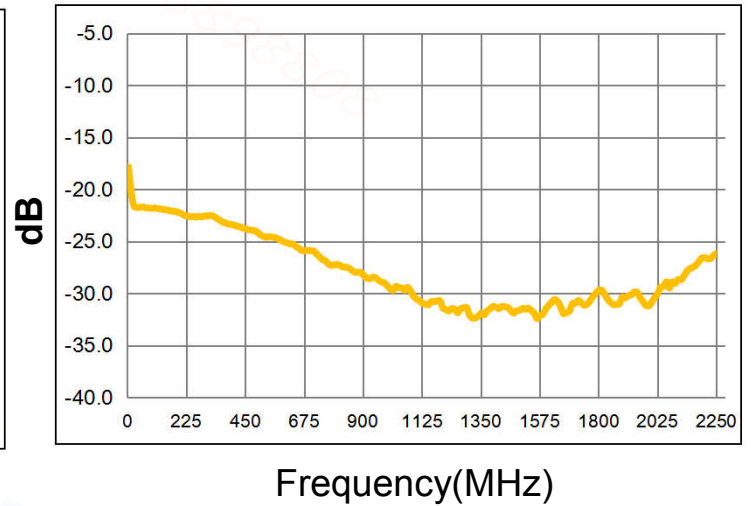
### Coupling(pin3-1):



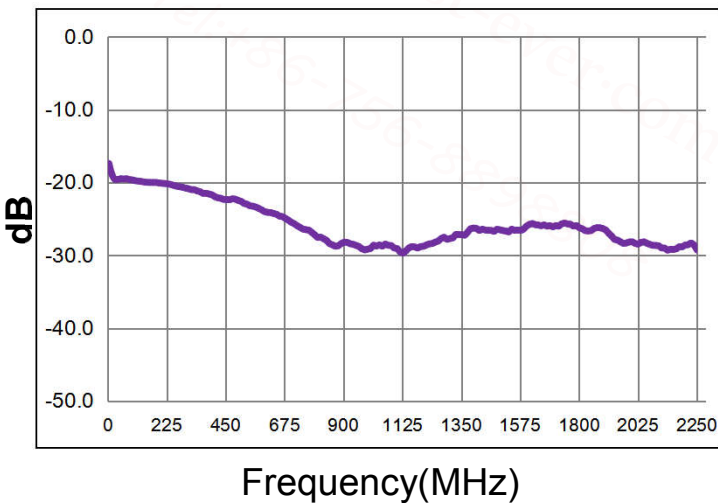
### Input Return Loss (Pin3)



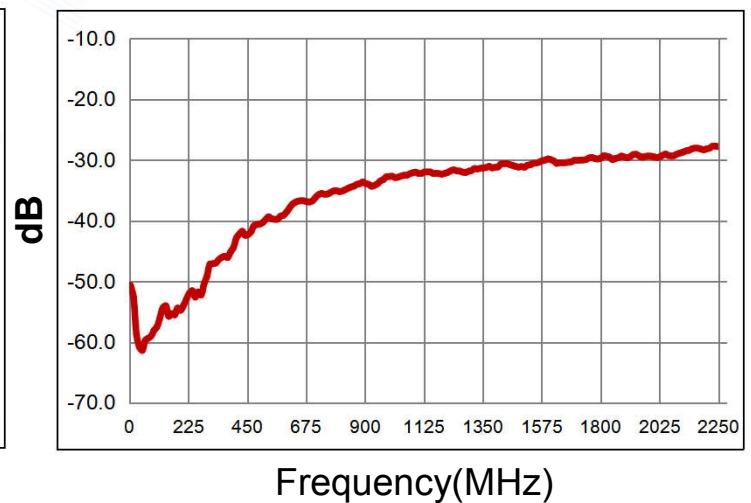
### Output Return Loss (Pin4)



### Coupling Return Loss (Pin1)

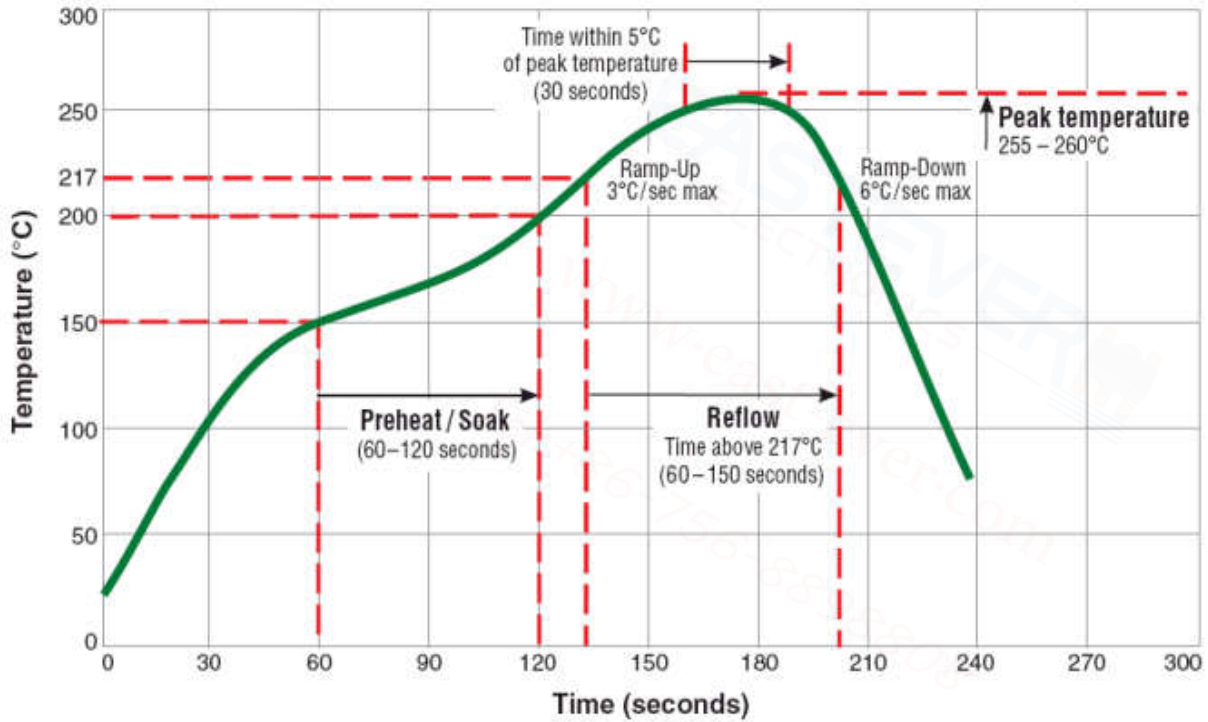


### Isolation (Pin3-6)

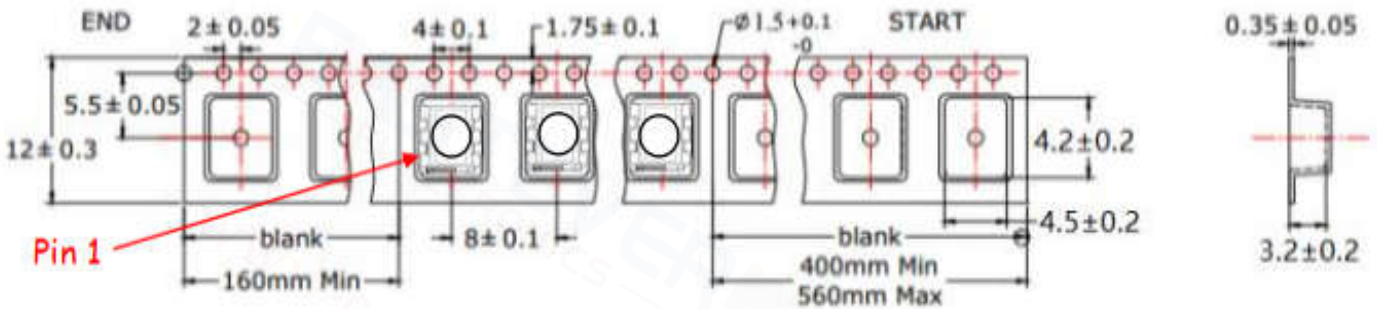


## Recommended Soldering Temperature Graph:

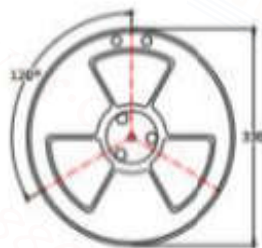
### Typical RoHS Reflow Profile



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



<b>QUANTITY</b>
2000PCS/Reel
4 Reels/Middle Carton Middle Carton:
4 Middle Cartons/Big Carton
32000PCS/ Big Carton



<b>SPEC</b>	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

