

Features:

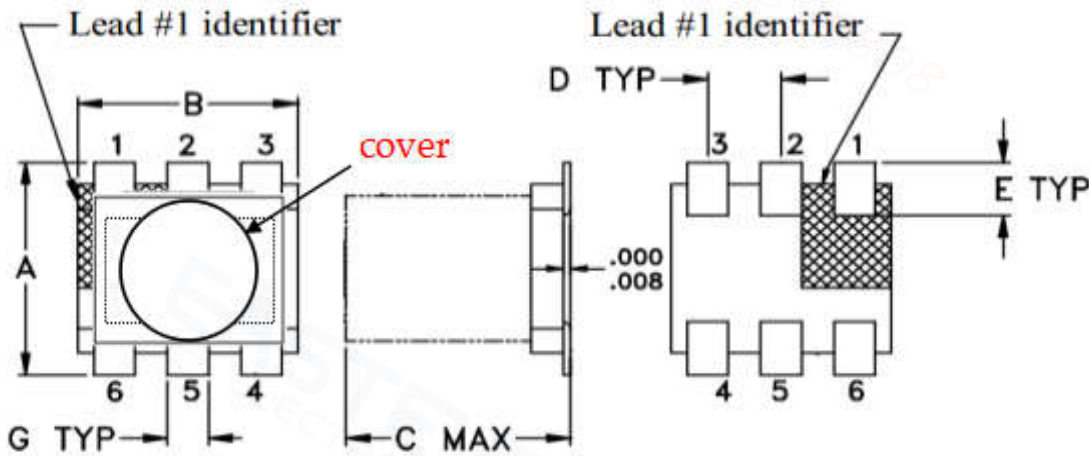
- ◆ Frequency Range: 5 to 2250 MHz
- ◆ Surface mount and available in tape and reel
- ◆ 260°C reflow compatible
- ◆ RoHS Compliant and Pb free
- ◆ Operating temperature range: -20°C to +85°C
- ◆ Storage temperature range: -55°C to +100°C



Applications:

- ◆ For catv
- ◆ For broadband and wireless communications

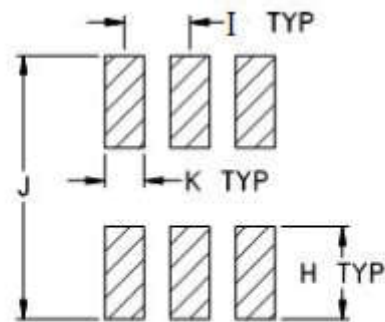
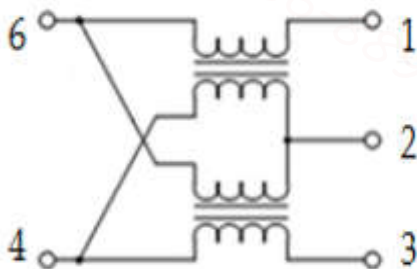
Dimension diagram (Unit:mm) :



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):

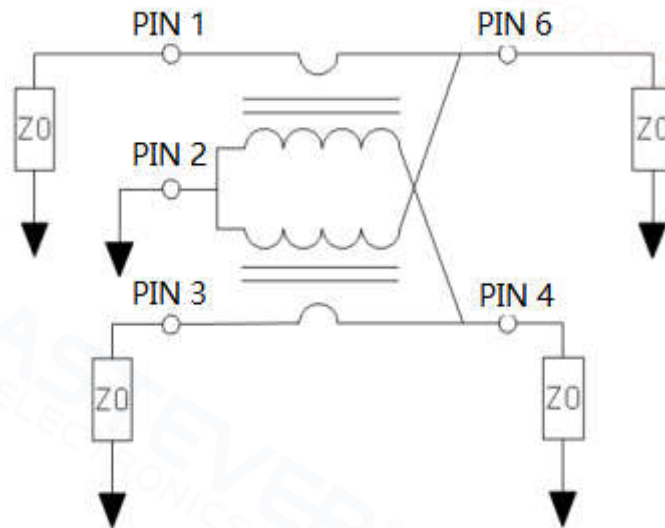


H 1.65 I 1.27 J 4.83 K 0.76

Pin configuration:

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

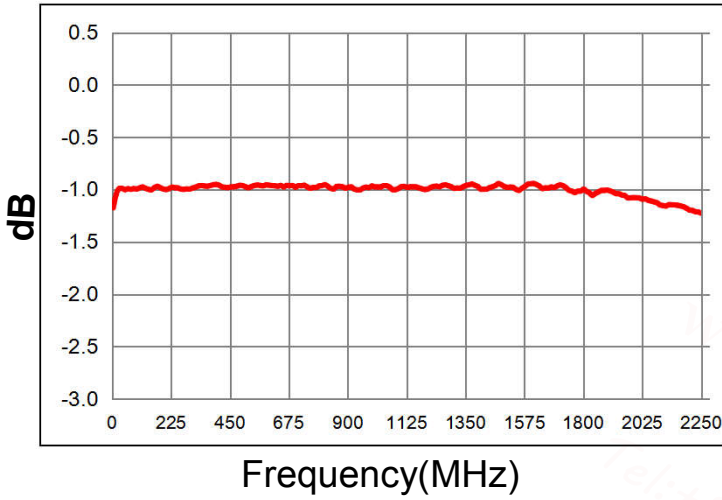
Application circuit :



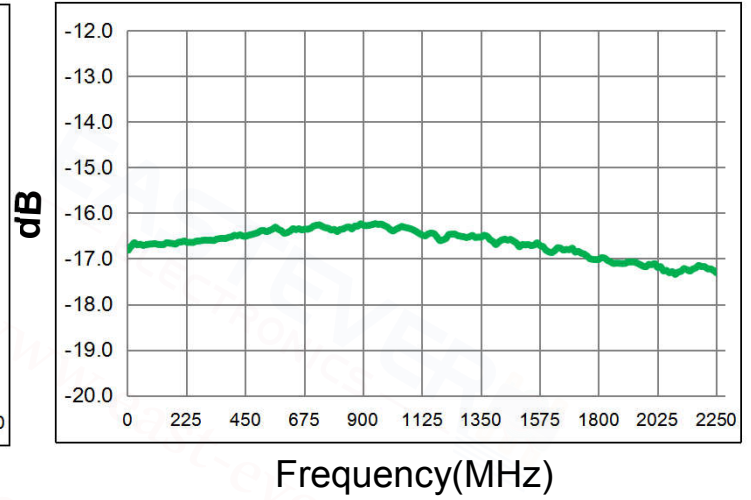
Electrical Specifications: TA=25°C, 0dBm, Z0=75Ω:

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	—

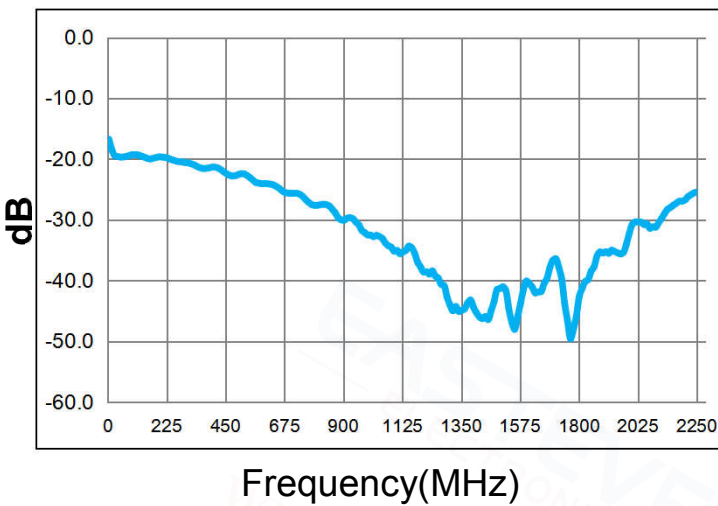
Main line Loss(pin3-4):



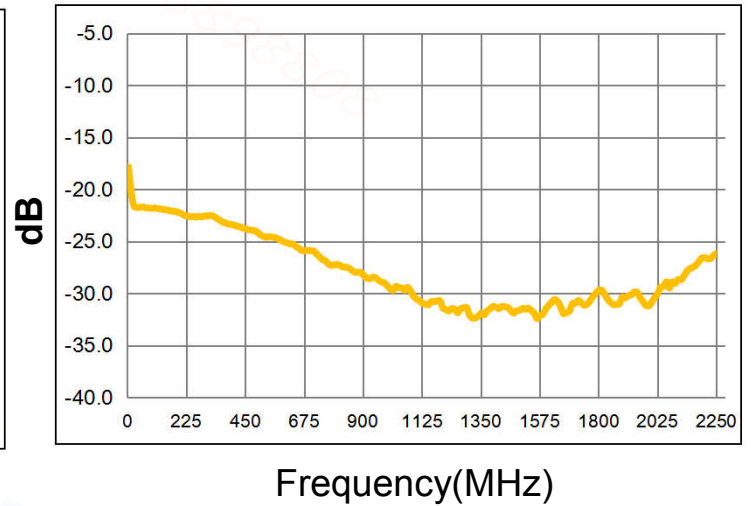
Coupling(pin3-1):



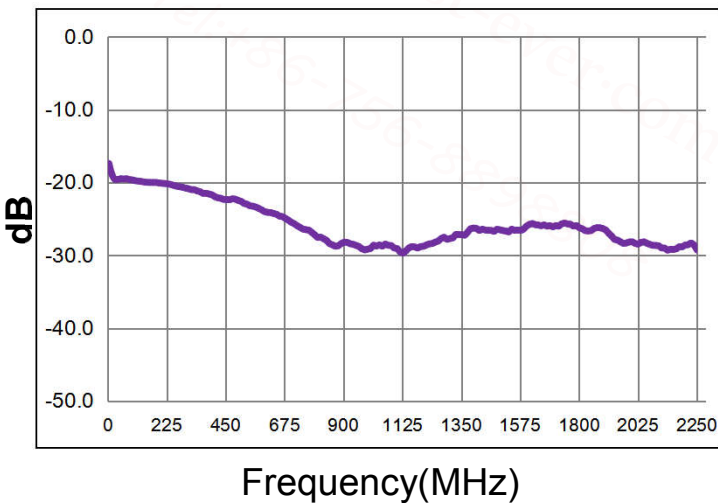
Input Return Loss (Pin3)



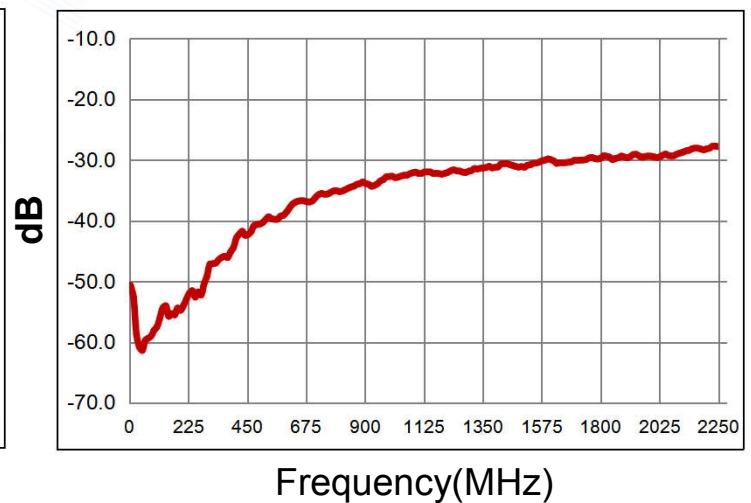
Output Return Loss (Pin4)



Coupling Return Loss (Pin1)

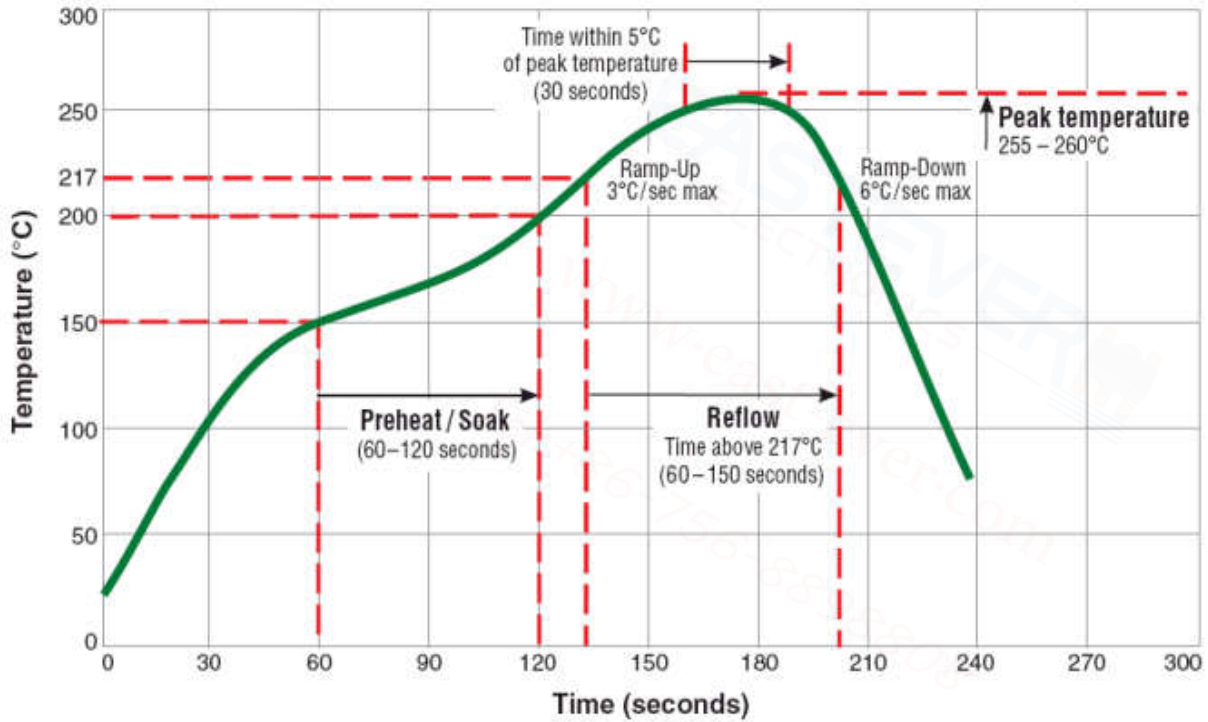


Isolation (Pin3-6)

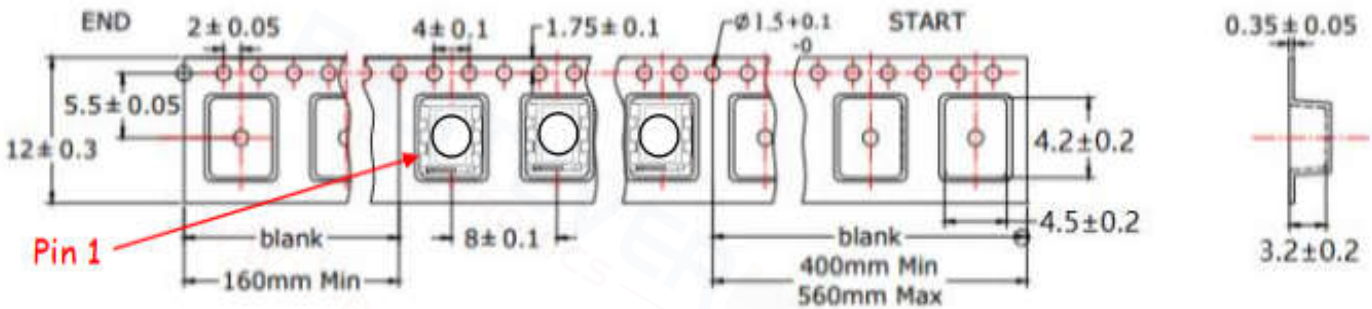


Recommended Soldering Temperature Graph:

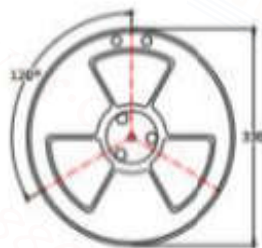
Typical RoHS Reflow Profile



Packaging Dimension For Caeier Tape(UNIT:mm):



QUANTITY
2000PCS/Reel
4 Reels/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

