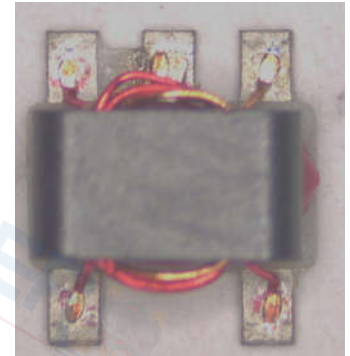


**Features:**

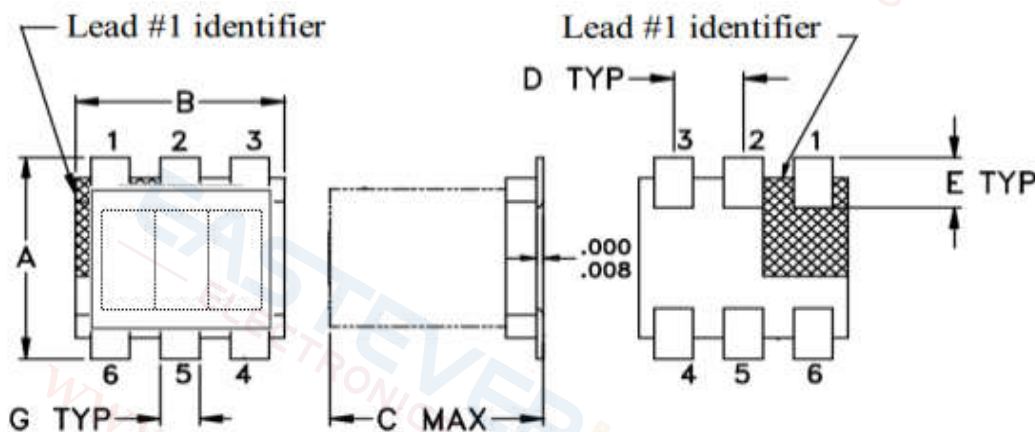
- ◆ Equivalent to: 4BMH-DKN0002GN2-R
- ◆ 50Ω Characteristic Impedance
- ◆ Frequency: 100 to 600MHz
- ◆ RF power: 0.50W
- ◆ Operating temperature range: -40°C to +85°C
- ◆ Storage temperature range: -55°C to +125°C



**Applications:**

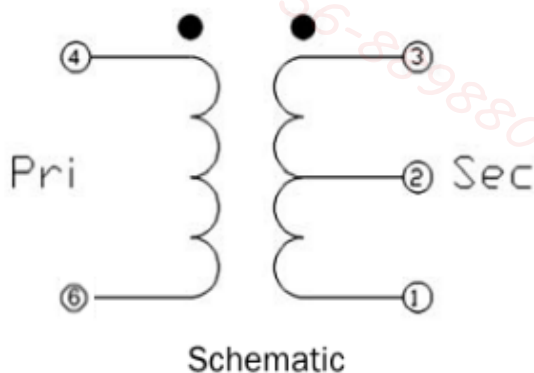
- ◆ For broadband and wireless communications
- ◆ For VHF/UHF receivers/transmitters and push-pull amplifiers

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

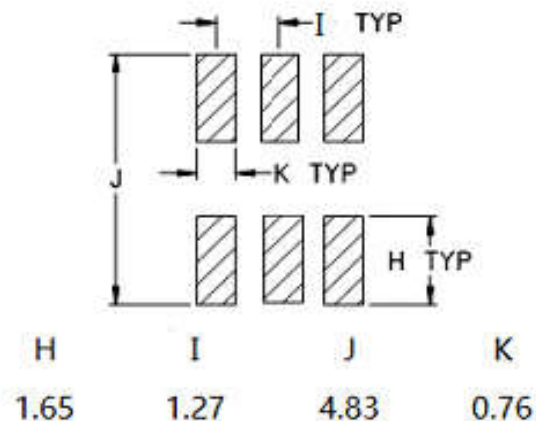


A=4.20±0.20 B=3.80±0.20 C=2.00 Max D=1.27±0.05 E=0.70±0.05 G=0.70 Ref

**Electrical structure:**



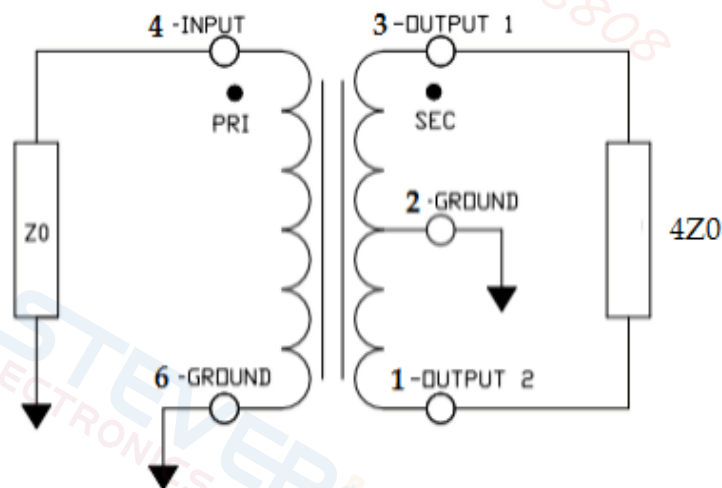
**Recommended layout:**



## 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)

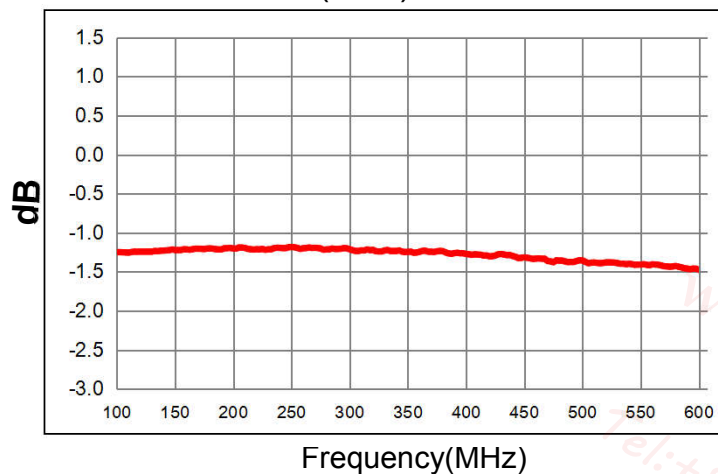
## Application circuit :



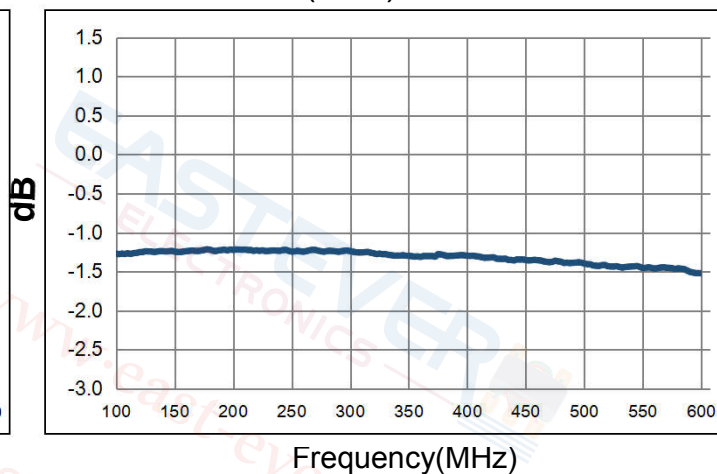
Electrical Specifications: TA=25°C , 0dBm,Z0=50Ω:

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss(out1)	100-600MHz	dB	—	1.2	2.2
Main line Loss(out2)	100-600MHz	dB	—	1.3	2.2
Amplitude Balance	100-600MHz	dB	—	0.0	0.5
Phase Balance	100-600MHz	Degrees	—	5.0	10.0
Input Return Loss	100-600MHz	dB	10.0	15.0	—

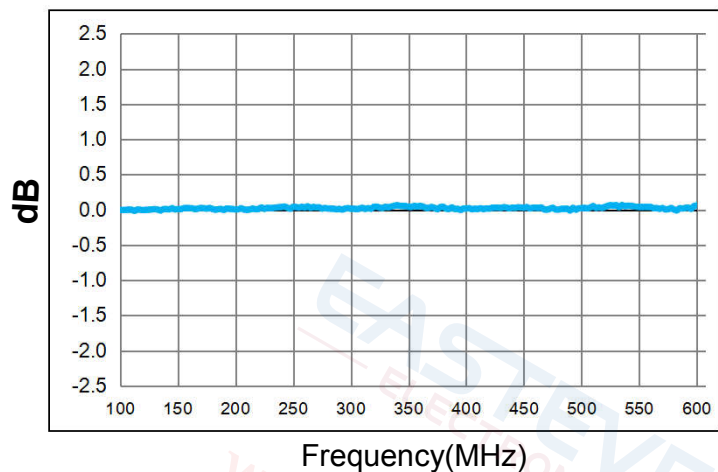
#### Main line Loss(out1)



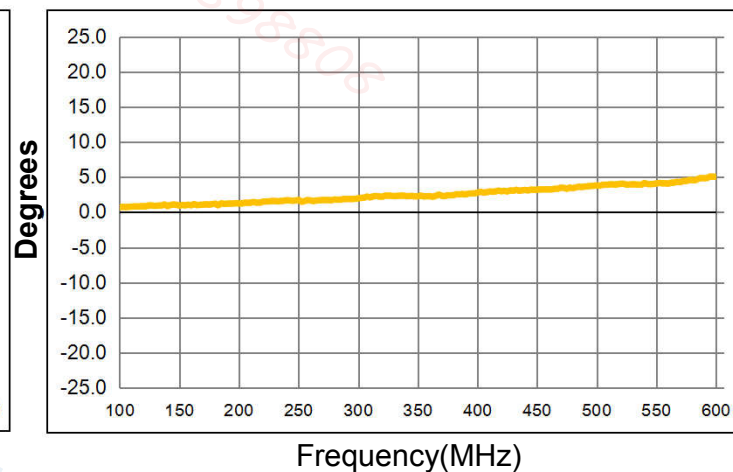
#### Main line Loss(out2)



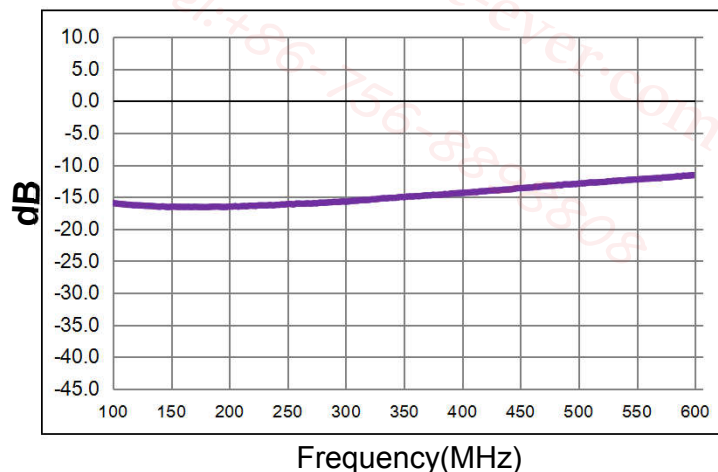
#### Amplitude Balance



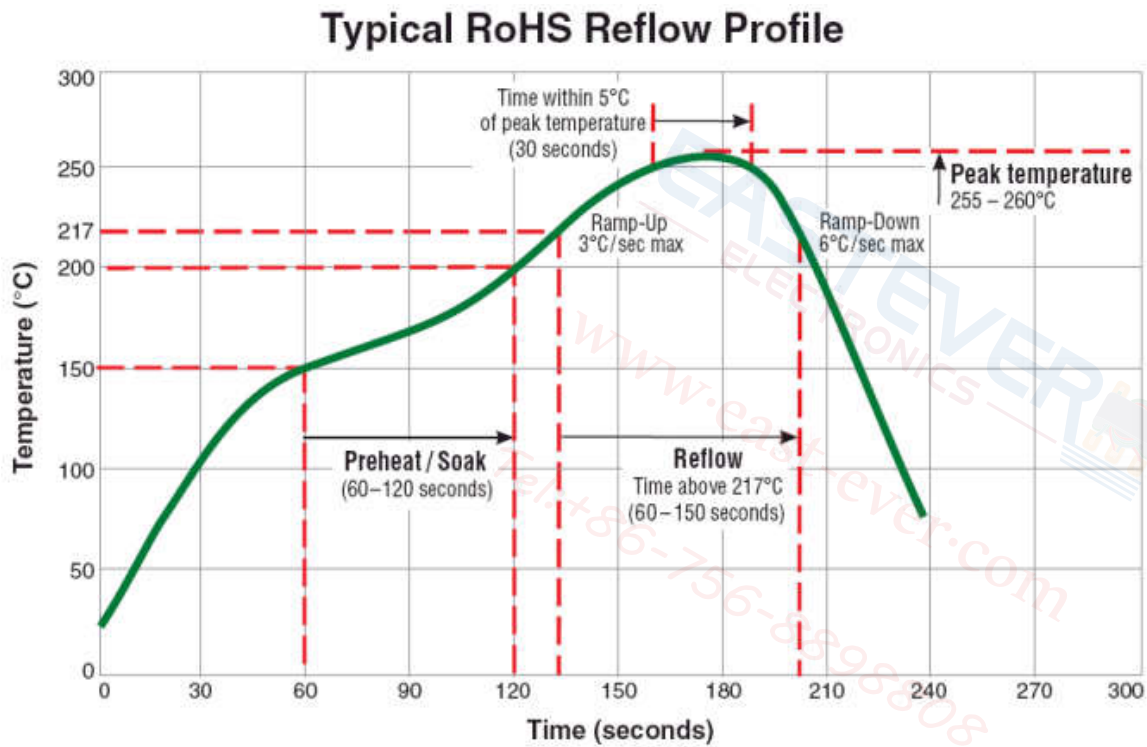
#### Phase Balance



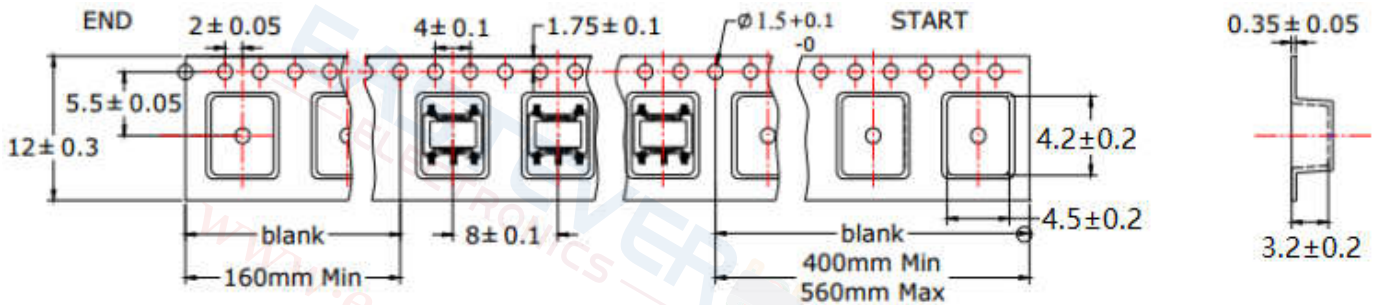
#### Input Return Loss



**Recommended Soldering Temperature Graph:**



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



<b>QUANTITY</b>
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

