

**Pb Free**

**RoHS Conforming**

**Features**

- 0805 Size. Rated current up to 2A.
- Effective for filtering noise on power (Vcc) lines.

**Applications**

- PCs, Laser Printers, Cellular Phone, Power/Signal Lines for LCD Display, Office Equipments
- AV Power Supply/Signal Line, TV, VCR, etc.
- High current signal Lines

**How to Order**

**KNH 21 104 - 3 AA**  
 ① ② ③ ④ ⑤

- ① Series
- ② Size EIA (EIAJ)  
21: 0805 (2012)
- ③ Capacitance Value

<b>104</b>	100nF	<b>101</b>	100pF
<b>473</b>	47nF	<b>470</b>	47pF
<b>471</b>	470pF	<b>220</b>	22pF
<b>221</b>	220pF		

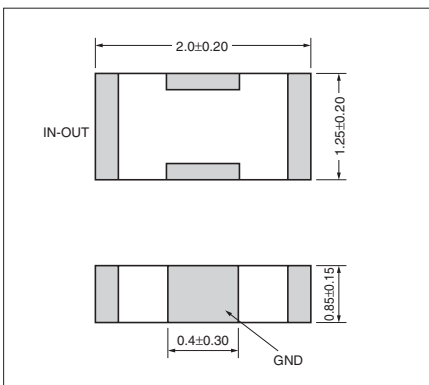
- ④ Quantity per Reel

<b>3</b>	3000pcs
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- ⑤ Code(AA : STD)

**Dimensions**

(Unit : mm)

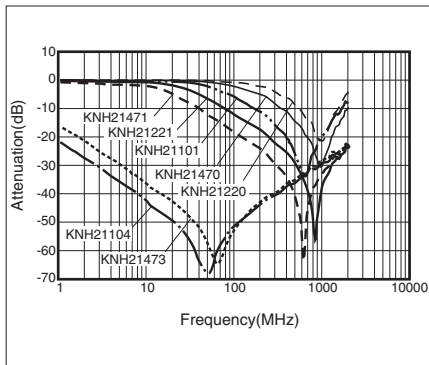


**Specifications**

Type	Capacitance Value(pF) (+50/-20%)	Rated Current (A)	Rated Voltage (VDC)	Direct-current resistance(Ω)
<b>KNH21104</b>	100,000	2.0	25	≤0.02
<b>KNH21473</b>	47,000	2.0	50	≤0.02
<b>KNH21471</b>	470	1.0	50	≤0.08
<b>KNH21221</b>	220	1.0	50	≤0.08
<b>KNH21101</b>	100	1.0	50	≤0.08
<b>KNH21470</b>	47	1.0	50	≤0.08
<b>KNH21220</b>	22	1.0	50	≤0.08

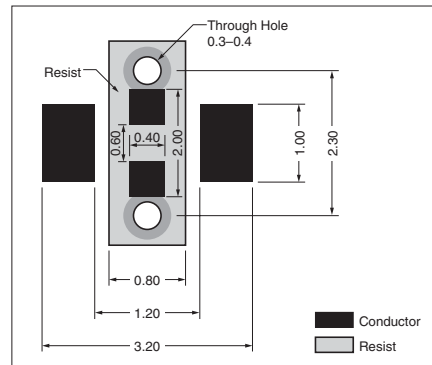
Operating Temperature: -25 to 85(°C)

**Attenuation Characteristics**



**Recommended Land Pattern**

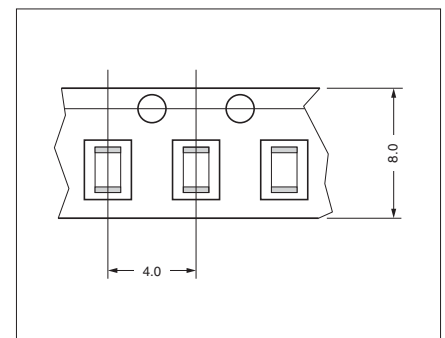
(Unit : mm)



**Packaging specifications**

- Taping(3000/reel)

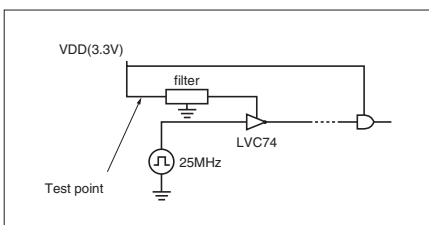
(Unit : mm)



**<Electrical Characteristics>**

- Wide attenuation range including surrounding circuit.

**Test Circuit**



**Attenuation Effect of Power Supply Noise**

