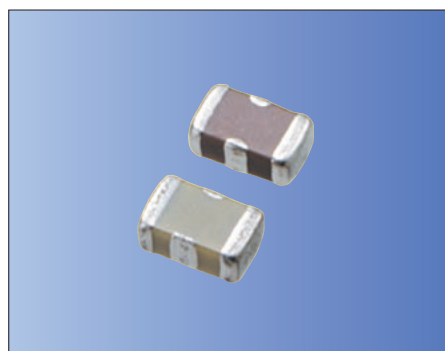




Ph Free

RoHS Compliant

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

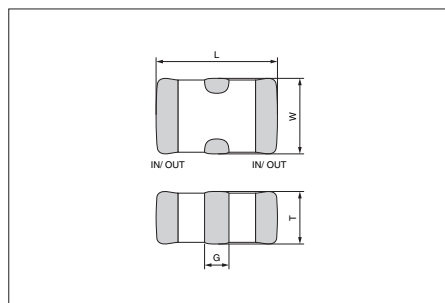
Old P/N **KNH 21 104 - 3**
① ② ③ ④

New P/N **KNH 21 C104 DA 3T**
① ② ⑤ ⑥ ⑦

① Series	
② Size	21 2012
③ Capacitance	104 100,000pF 471 470pF 473 47,000pF 221 220pF
④ Quantity per Reel	3 3000 pcs. (Std.)
⑤ Capacitance	C104 100,000pF C473 47,000pF C471 470pF C221 220pF C105 1,000,000pF
⑥ Application	DA Digital Circuit in General
⑦ Packaging	3T T&R: 3000 pcs. (Std.)

Dimensions

(Unit: mm)

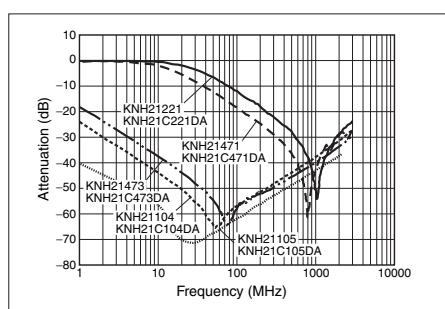


CODE	L	W
KNH21	2.0±0.2	1.25±0.2
CODE	T	G
KNH21	0.85±0.15	0.40±0.30

Specifications

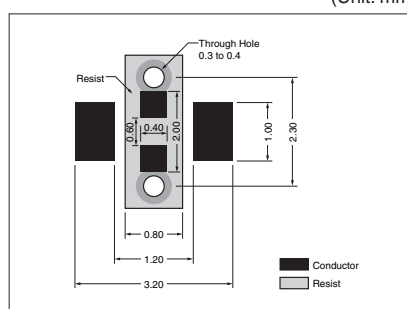
Part Number	Capacitance (+50/ -20%)	Rated Current	Rated Voltage	Temp. Coefficient of Capacitance
Old: KNH21104 New: KNH21C104DA	100,000pF	2.0A	25VDC	±15%
Old: KNH21473 New: KNH21C473DA	47,000pF	2.0A	50VDC	±15%
Old: KNH21471 New: KNH21C471DA	470pF	1.0A	50VDC	±60ppm/ °C
Old: KNH21221 New: KNH21C221DA	220pF	1.0A	50VDC	±60ppm/ °C
KNH21C105DA	1,000,000pF	4.0A	10VDC	±15%

Attenuation Characteristics



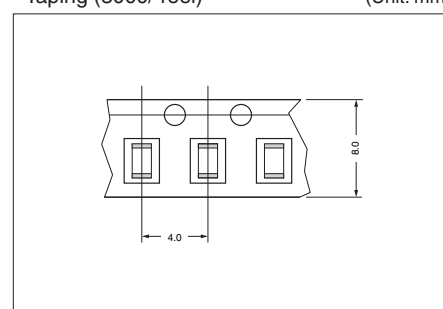
Recommended Land Pattern

(Unit: mm)



Packaging Specification

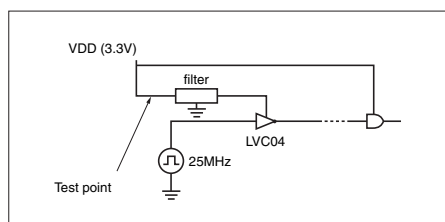
• Taping (3000/ reel) (Unit: mm)



<Electrical Characteristics>

- Wide attenuation range including surrounding circuit.

Test Circuit



Attenuation Effect of Power Supply Noise

