



RoHS Compliant

Features

- Distributed constant type LC filter. Prevents ringing caused by circuit impedance. Suitable for high speed digital circuits and video signal lines.
- Stable noise attenuation over wide frequency ranges.
- Small and low profile.

Applications

- Data Lines for Mobile Phones (LCD Lines, Video Lines, Bus Lines)
- Bus Lines for Digital Equipment

How to Order

KNA 16 300 - W 3
① ② ③ ④ ⑤

① Series

② Size

	EIA	EIAJ
16	0603	1608
21	0805	2012

③ Frequency

300(KNA16)	300MHz
400(KNA21)	400MHz

*Frequency at Attenuation typical 3dB, max. 6dB

④ Taping Direction

W: Standard

⑤ Quantity per Reel

3	3000pcs.	KNA21 : std.
4	4000pcs.	KNA16 : option
5	5000pcs.	KNA16 : std.

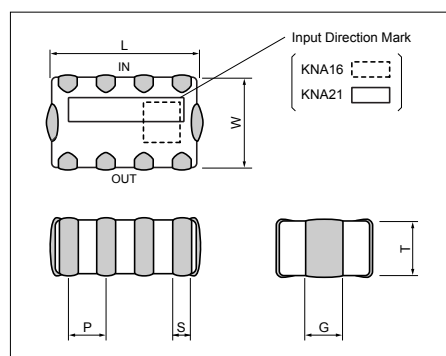
Specifications

Part Number	Cut off Freq. (MHz)	Capacitance (+25/-20%) (pF)	Attenuation (Typical)	Rated current(mA)	Rated voltage(VDC)
KNA16300	300MHz	16pF	800-1000MHz@-25dB	35mA	25VDC
KNA21301	300MHz	15pF	800-2000MHz@-20dB	35mA	25VDC
KNA21400	400MHz	18pF	800-1000MHz@-20dB	50mA	25VDC

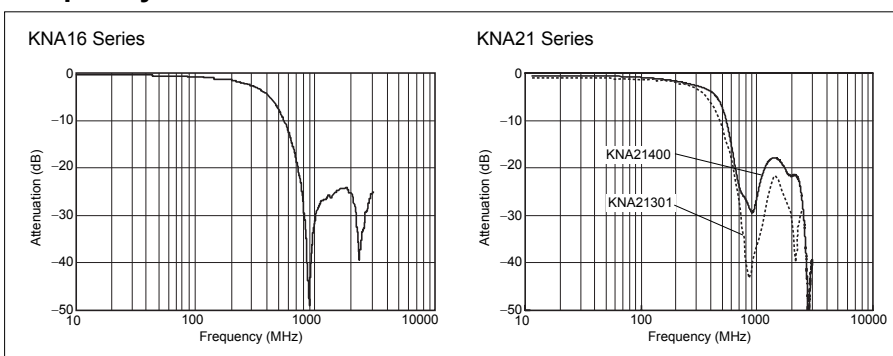
Operating Temperature: -25 to 85(°C)

Dimensions

(Unit : mm)



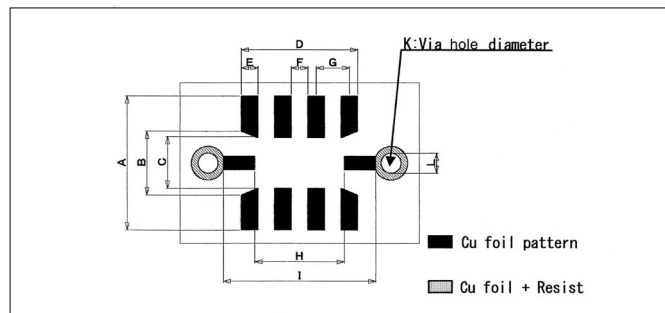
Frequency Characteristics



	L	W	T	P	S	G
KNA16	1.60±0.08	0.8±0.08	0.50±0.1	0.40	0.20±0.075	0.20±0.075
KNA21	2.0±0.2	1.25±0.2	0.7±0.15	0.50	0.25±0.1	0.40±0.15

Recommended Land Pattern

(Unit : mm)

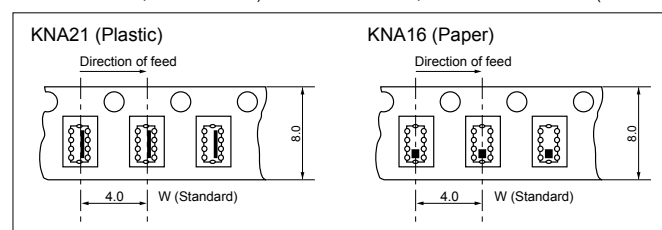


Packaging Specification

•Taping

KNA16 : 5,000/reel : STD.
4,000/reel : Opt.
KNA21 : 3,000/reel : STD.

(Unit : mm)



CODE	A	B	C	D	E	F	G	H	I	K	L
KNA16	1.10	0.60	0.50	1.40	0.20	0.20	0.40	1.30	1.80	0.20	0.20
KNA21	2.00	0.95	0.75	1.75	0.25	0.25	0.50	1.35	2.45	0.30	0.20