

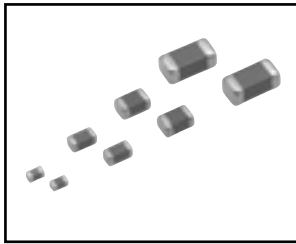
CHIP BEADS [N-Z ·ZA Series]

■ Features

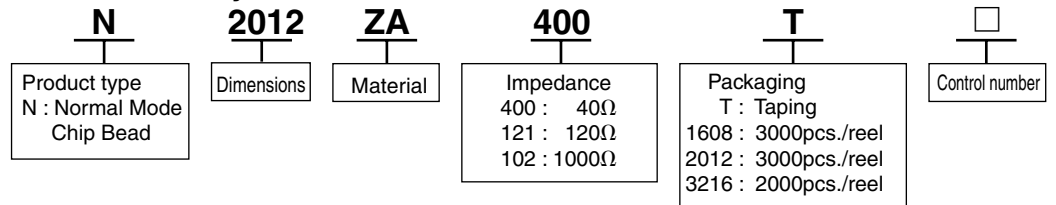
- Monolithic inorganic material construction for high reliability.
- Closed magnetic circuit configuration avoids crosstalk and is suitable for high density PCBs.
- N-Z series is suitable for reducing noise elements in comparatively high frequency band area of 40MHz - 400MHz.
- N-ZA series can reduce noise elements in a wide-ranging frequency band area of 10MHz - 400MHz, and an optimum constant can be selected from a wide-range.
- Nickel and tin plated barrier terminations offer good solderability and resistance to soldering heat.
- RoHS Compliant.

■ Applications

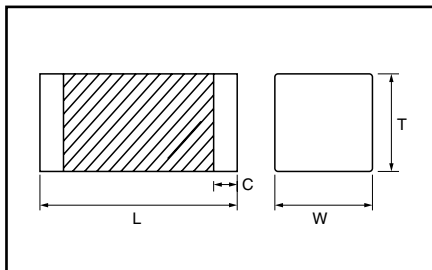
Noise control for · cellular phones · the digital video equipments in TV,VTR,DVD · computers and computer peripheral equipments · automotive electronics · DC lines in printer, FAX, etc.



■ Part Number System



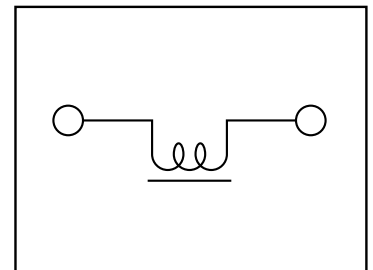
■ Dimensions



Type	L	W	t	C (min.)
N1608ZA	1.6±0.15	0.8 ±0.15	0.8 ±0.15	0.1
N2012ZA	2.0±0.2	1.25±0.2	0.9 ±0.2	0.3
N3216Z800	3.2±0.2	1.6 ±0.2	1.3 ±0.3	0.3
N3216Z151	3.2±0.2	1.6 ±0.2	1.1 ±0.3	0.3
N3216Z501	3.2±0.2	1.6 ±0.2	1.1 ±0.3	0.3
N3216Z122	3.2±0.2	1.6 ±0.2	1.35±0.3	0.3
N3216Z202	3.2±0.2	1.6 ±0.2	1.2 ±0.3	0.3

Unit : mm

■ Equivalent circuit



■ Part Number List • Specifications

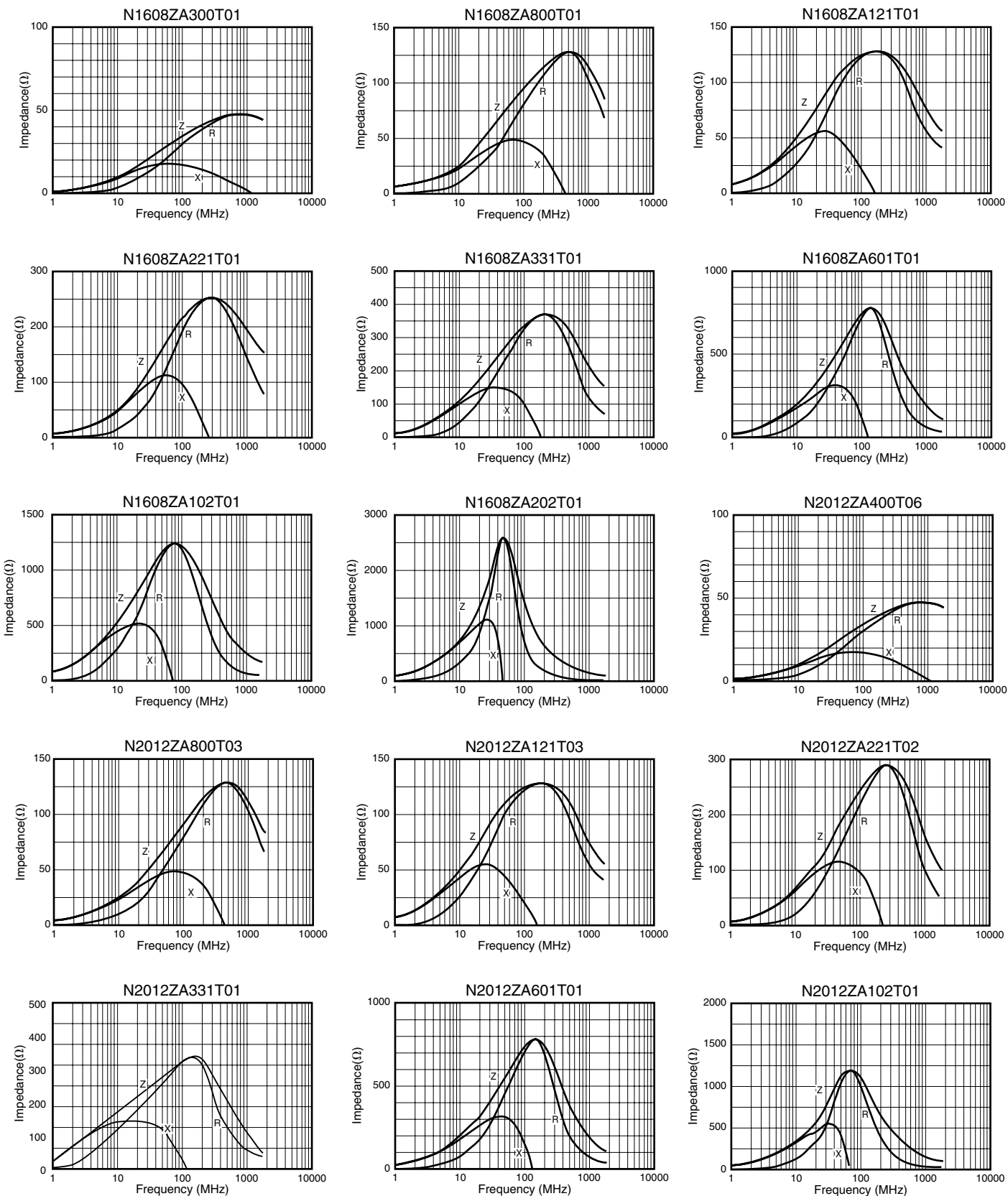
Part number	Impedance (Ω) at 100MHz	DC resistance (mΩ) max.	Rated current (A) max.
N1608ZA300T01	30±25% at 100MHz	400	500
N1608ZA800T01	80±25% at 100MHz	500	300
N1608ZA121T01	120±25% at 100MHz	600	200
N1608ZA221T01	220±25% at 100MHz	600	200
N1608ZA331T01	330±25% at 100MHz	600	200
N1608ZA601T01	600±25% at 100MHz	800	200
N1608ZA102T01	1000±25% at 100MHz	1200	200
N1608ZA202T01	2000±25% at 60MHz	1800	100
N2012ZA400T06	40±25% at 100MHz	80	600
N2012ZA800T03	80±25% at 100MHz	150	300
N2012ZA121T03	120±25% at 100MHz	200	300
N2012ZA221T02	220±25% at 100MHz	300	200
N2012ZA331T01	330±25% at 100MHz	400	200
N2012ZA601T01	600±25% at 100MHz	500	200
N2012ZA102T01	1000±25% at 60MHz	1000	200
N2012ZA202T01	2000±25% at 40MHz	1500	100
N3216Z800T01	80±30% at 100MHz	500	100
N3216Z151T01	150±30% at 100MHz	300	100
N3216Z501T01	500±30% at 100MHz	500	100
N3216Z122T01	1200±30% at 50MHz	1000	100
N3216Z202T01	2000±30% at 30MHz	1500	100

*Operating temperature range(Including temperature rise): -55 to +125°C

*Storage temperature range (taping): -5 to +40°C (bulk): -55 to +125°C

CHIP BEADS [N-Z ·ZA Series]

Impedance vs. Frequency (Typ.)



EMI FILTERS

CHIP BEADS [N-Z ·ZA Series]

