

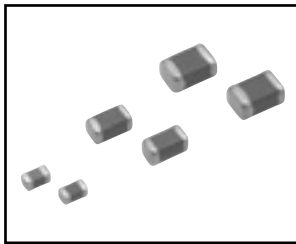
CHIP BEADS [N-Z Series]

■ Features

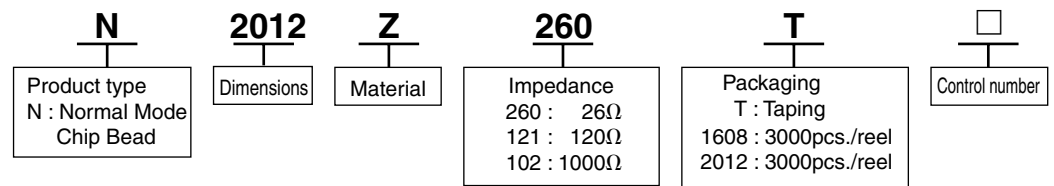
- Monolithic inorganic material construction for high reliability.
- Closed magnetic circuit configuration avoids crosstalk and is suitable for high density PCBs.
- N-Z series is suitable for reducing noise elements in comparatively high frequency band area of 40MHz - 400MHz.
- Nickel and tin plated barrier terminations offer good solderability and resistance to soldering heat.
- RoHS Compliant.

■ Applications

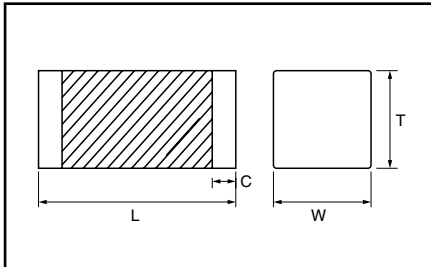
Noise control for · cellular phones · the digital video equipments in TV,VTR,DVD · computers and computer peripheral equipments · automotive electronics · DC lines in printer, FAX, etc.



■ Part Number System



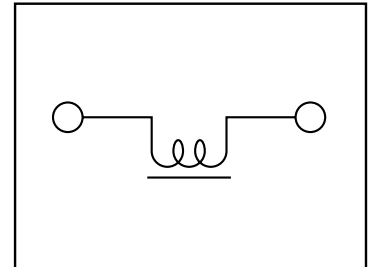
■ Dimensions



Type	L	W	t	C (min.)
N1608Z	1.6±0.15	0.8 ±0.15	0.8±0.15	0.1
N2012Z	2.0±0.2	1.25±0.2	0.9±0.2	0.3

Unit : mm

■ Equivalent circuit



■ Part Number List • Specifications

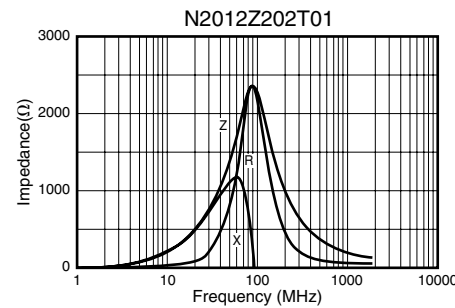
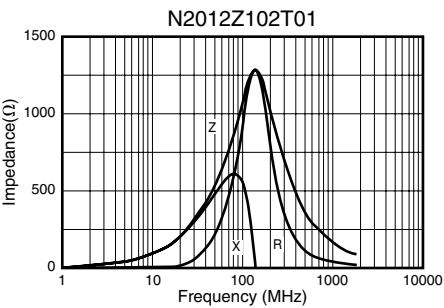
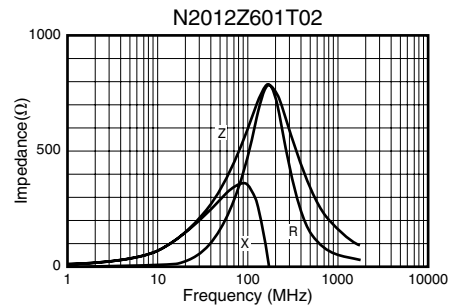
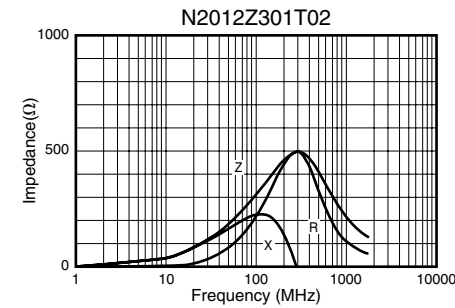
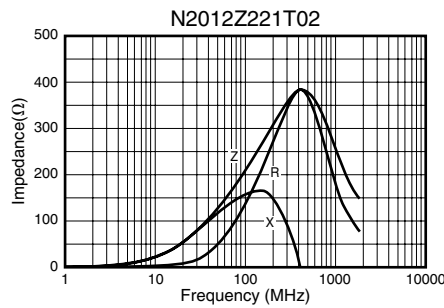
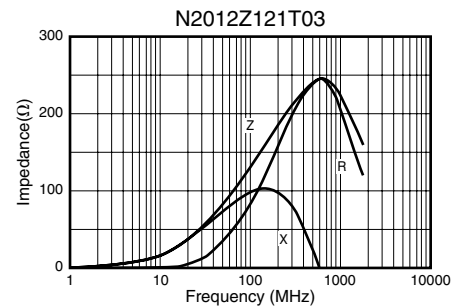
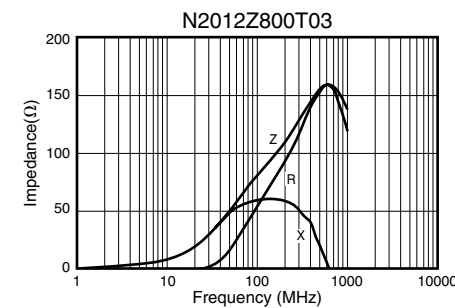
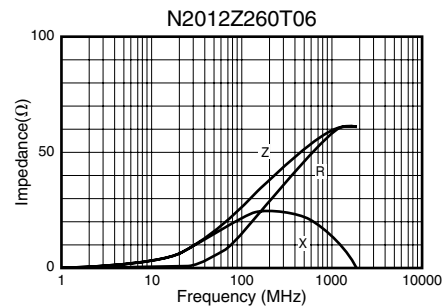
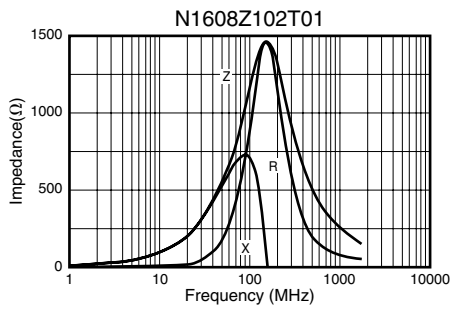
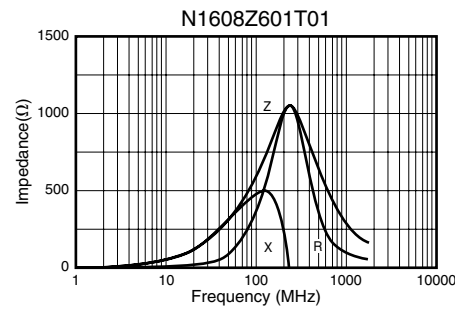
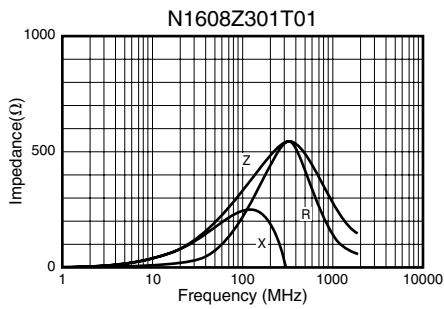
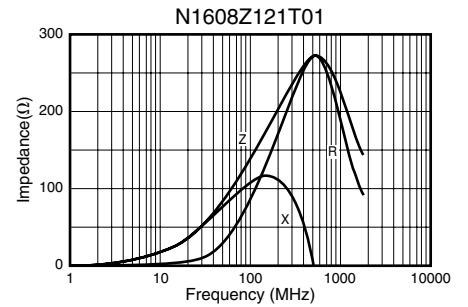
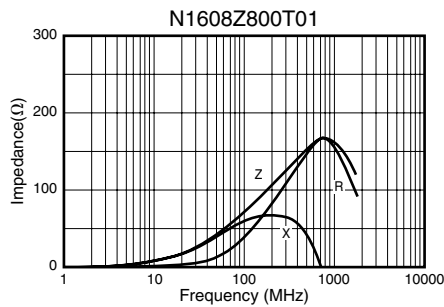
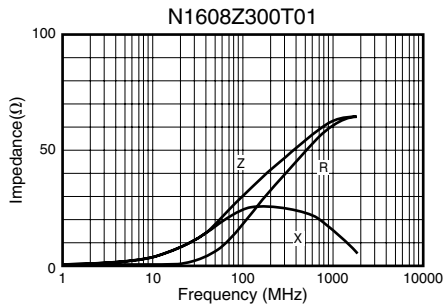
Part number	Impedance (Ω) at 100MHz	DC resistance (mΩ) max.	Rated current (A) max.
N1608Z300T01	30±25%	100	200
N1608Z800T01	80±25%	200	200
N1608Z121T01	120±25%	200	200
N1608Z301T01	300±25%	300	200
N1608Z601T01	600±25%	500	200
N1608Z102T01	1000±25%	700	100
N2012Z260T06	26±25%	200	600
N2012Z800T03	80±25%	250	300
N2012Z121T03	120±25%	300	300
N2012Z221T02	220±25%	400	200
N2012Z301T02	300±25%	400	200
N2012Z601T02	600±25%	600	200
N2012Z102T01	1000±25%	1000	200
N2012Z202T01	2000±25%	1200	200

*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 Series]

Impedance vs. Frequency (Typ.)



EMI FILTERS