

Chip Beads Large Current Type

Multilayer chip suppressors

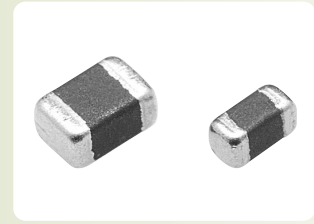
Multilayer Chip Suppressors for DC Power Lines
N-ZP/ZPS Series126

3

Chip Beads Large Current Type

EMC
EMC CATALOGUE
EMC
EMC CATALOGUE
EMC
EMC CATALOGUE
EMC
EMC CATALOGUE
EMC
EMC CATALOGUE

Multilayer Chip Suppressors for DC Power Lines N-ZP/ZPS Series

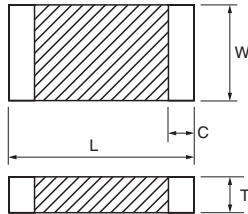


- Tape and Reel Dimensions (see page 144-145)
- Reliability Test (see page 147)
- Precautions (see page 146)

Model	Impedance (Ω) at 100MHz	DC resistance (m Ω) max.	Rated current (A) max.
N1608ZP600	60 \pm 25%	100	0.5
N1608ZP121	120 \pm 25%	150	0.5
N2012ZP600	60 \pm 25%	20	2.5
N2012ZP121	120 \pm 25%	50	2.5
N2012ZP221	220 \pm 25%	50	2.0
N2012ZP301	300 \pm 25%	50	2.0
N2012ZP501	500 \pm 25%	100	1.0
N3216ZP500	50 \pm 25%	60	2.5
N3216ZP121	120 \pm 25%	30	2.5
N3216ZP501	500 \pm 25%	60	2.5
N2012ZPS600	60 \pm 25%	20	5.0
N2012ZPS800	80 \pm 25%	20	5.0
N2012ZPS121	120 \pm 25%	20	5.0
N3216ZPS500	50 \pm 25%	10	6.0

- Operating temperature range: -55 to +60°C
- Storage temperature range (taping): -5 to +40°C, (bulk): -55 to +125°C

Shape and Dimensions



Model	L	W	T	C(min.)
N1608ZP600	1.6 \pm 0.15	0.8 \pm 0.15	0.8 \pm 0.15	0.1
N1608ZP121	1.6 \pm 0.15	0.8 \pm 0.15	0.8 \pm 0.15	0.1
N2012ZP600	2.0 \pm 0.2	1.25 \pm 0.2	0.9 \pm 0.2	0.3
N2012ZP121	2.0 \pm 0.2	1.25 \pm 0.2	0.9 \pm 0.2	0.3
N2012ZP221	2.0 \pm 0.2	1.25 \pm 0.2	0.9 \pm 0.2	0.3
N2012ZP301	2.0 \pm 0.2	1.25 \pm 0.2	0.9 \pm 0.2	0.3
N2012ZP501	2.0 \pm 0.2	1.25 \pm 0.2	0.9 \pm 0.2	0.3
N3216ZP500	3.2 \pm 0.2	1.6 \pm 0.2	1.35 \pm 0.2	0.3
N3216ZP121	3.2 \pm 0.2	1.6 \pm 0.2	1.35 \pm 0.2	0.3
N3216ZP501	3.2 \pm 0.2	1.6 \pm 0.2	1.35 \pm 0.2	0.3
N2012ZPS600	2.0 \pm 0.2	1.25 \pm 0.2	1.0 \pm 0.2	0.3
N2012ZPS800	2.0 \pm 0.2	1.25 \pm 0.2	1.0 \pm 0.2	0.3
N2012ZPS121	2.0 \pm 0.2	1.25 \pm 0.2	1.0 \pm 0.2	0.3
N3216ZPS500	3.2 \pm 0.2	1.6 \pm 0.2	1.3 \pm 0.2	0.3

[mm]

Circuit Diagram

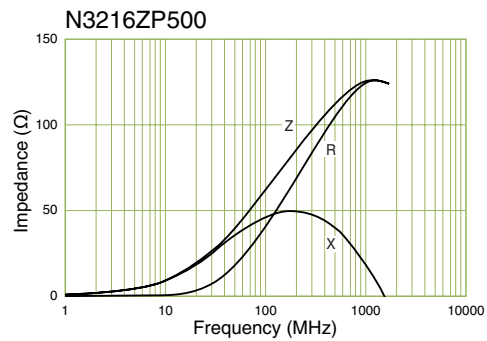
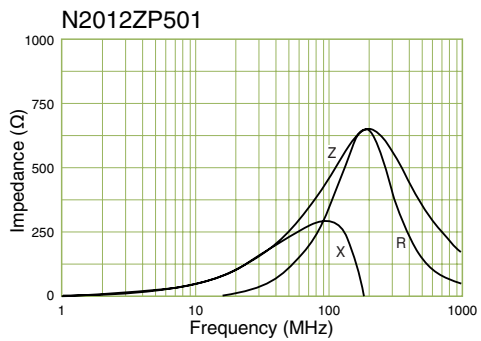
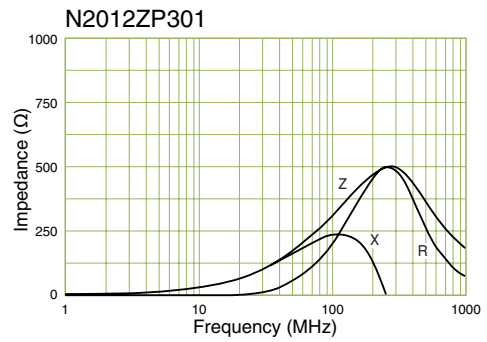
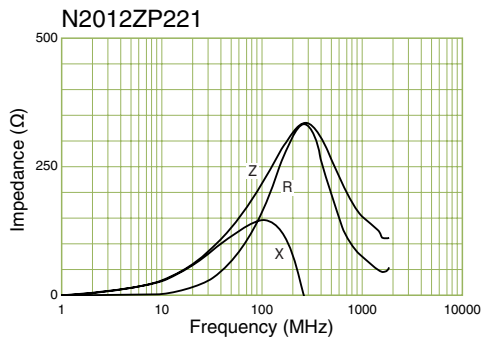
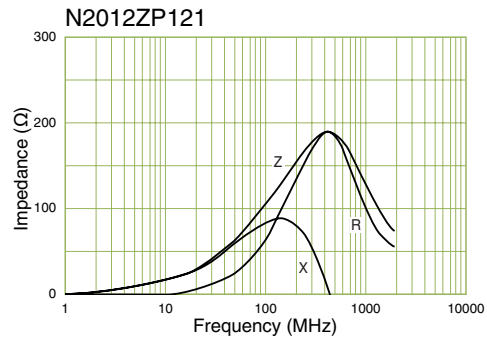
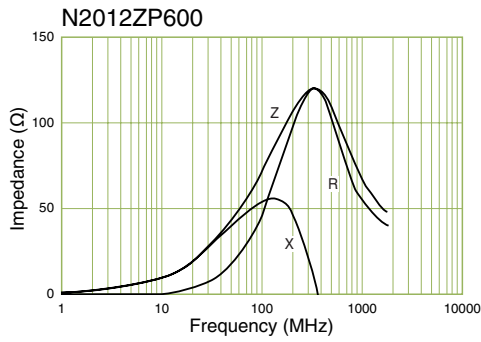
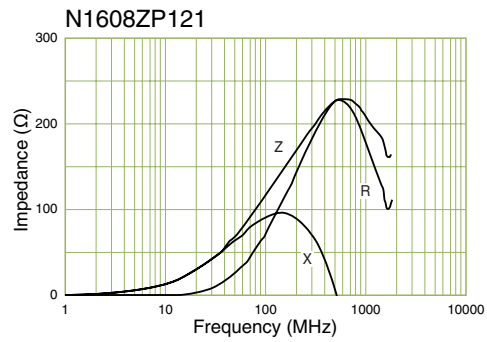
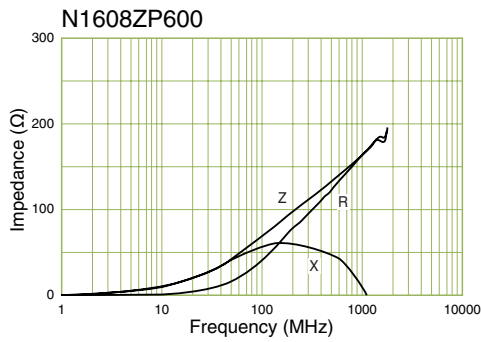


Numbering System

N 2012 ZP 300 T $\Delta\Delta$
 ① ② ③ ④ ⑤ ⑥

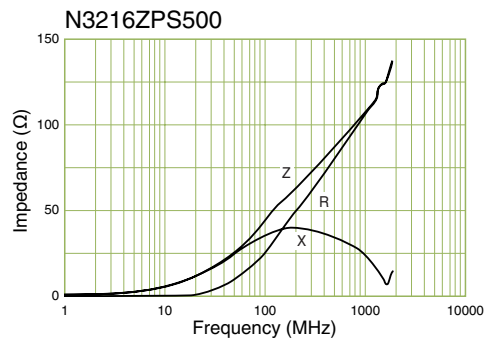
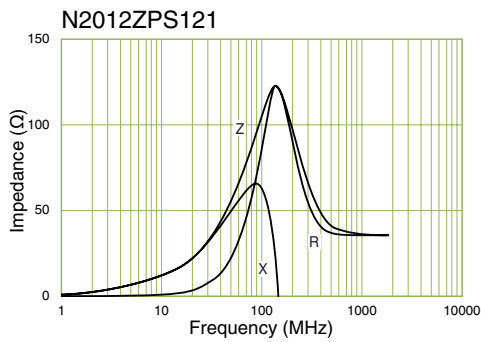
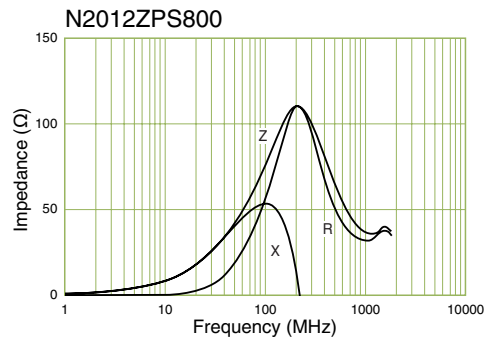
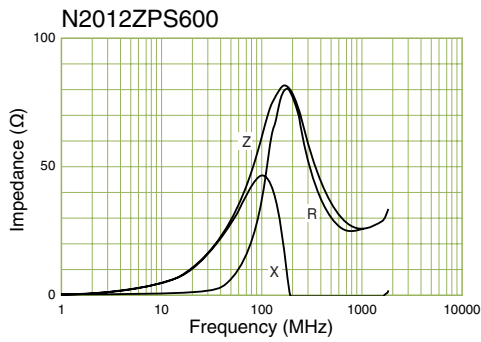
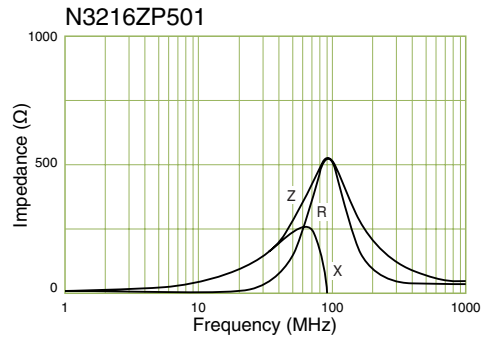
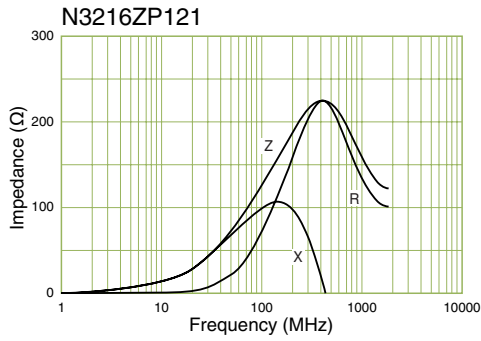
- ① Product type N : Normal Mode Chip Suppressor
- ② Dimensions 1608 : 1.6×0.8×0.8mm, 2012 : 2.0×1.25×0.9mm, 3216 : 3.2×1.6×0.9 to 1.6mm
- ③ Material
- ④ Impedance 300 : 30Ω, 121 : 120Ω, 102 : 1000Ω
- ⑤ Packaging T : Taping
 1608 : 3000pcs./reel, 2012 : 3000pcs./reel,
 3216 : 2000pcs./reel (3000pcs./reel with 3216ZP)
- ⑥ NEC TOKIN control number

Impedance vs. Frequency



3
Chip Beads Large Current Type

Impedance vs. Frequency



3

Chip Beads Large Current Type