

Low-Loss N-Z Series

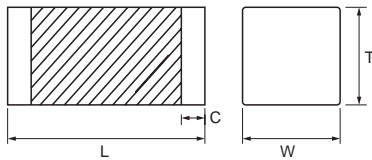


• Tape and Reel Dimensions (see page 144) • Reliability Test (see page 147) • Precautions (see page 146)

Model	Impedance (Ω) at 100MHz	DC resistance (m Ω) max.	Rated current (mA)
N1005Z100	10 \pm 25%	100	100
N1005Z400	40 \pm 25%	150	100
N1005Z600	60 \pm 25%	300	100
N1005Z800	80 \pm 25%	300	100
N1005Z121	120 \pm 25%	400	100
N1005Z201	220 \pm 25%	600	100
N1005Z301	300 \pm 25%	800	50
N1608Z300	30 \pm 25%	100	200
N1608Z800	80 \pm 25%	200	200
N1608Z121	120 \pm 25%	200	200
N1608Z301	300 \pm 25%	300	200
N1608Z601	600 \pm 25%	500	200
N1608Z102	1000 \pm 25%	700	100
N2012Z260	26 \pm 25%	200	600
N2012Z800	80 \pm 25%	250	300
N2012Z121	120 \pm 25%	300	300
N2012Z221	220 \pm 25%	400	200
N2012Z301	300 \pm 25%	400	200
N2012Z601	600 \pm 25%	600	200
N2012Z102	1000 \pm 25%	1000	200
N2012Z202	2000 \pm 25%	1200	200

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

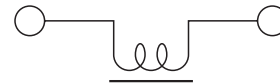
Shape and Dimensions



Type	L	W	T	C min.
N1005Z	1.0 \pm 0.05	0.5 \pm 0.05	0.5 \pm 0.05	0.1
N1608Z	1.6 \pm 0.15	0.8 \pm 0.15	0.8 \pm 0.15	0.1
N2012Z	2.0 \pm 0.2	1.25 \pm 0.2	0.9 \pm 0.2	0.3

[mm]

Circuit Diagram

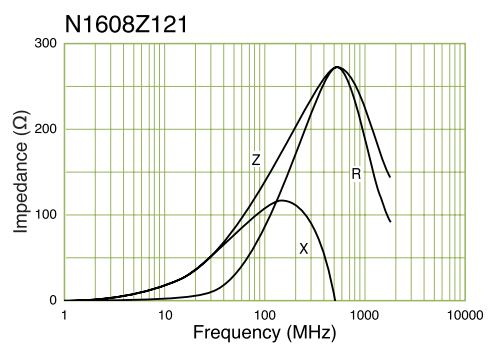
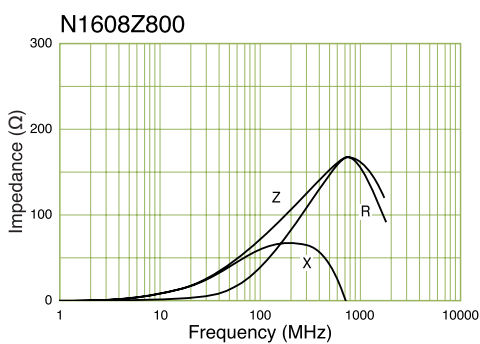
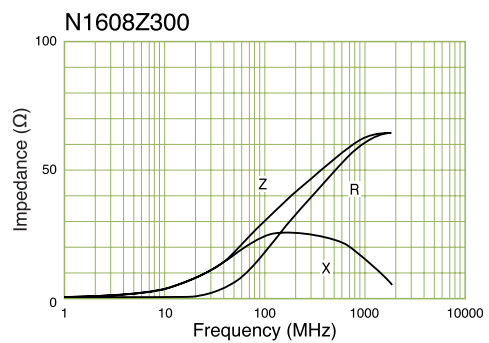
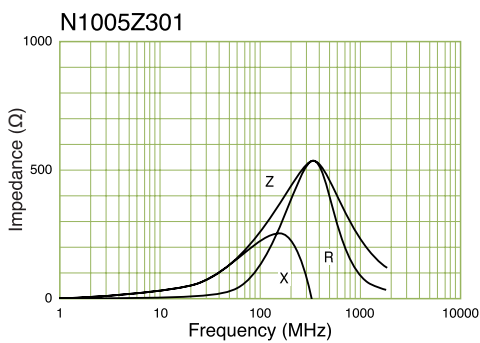
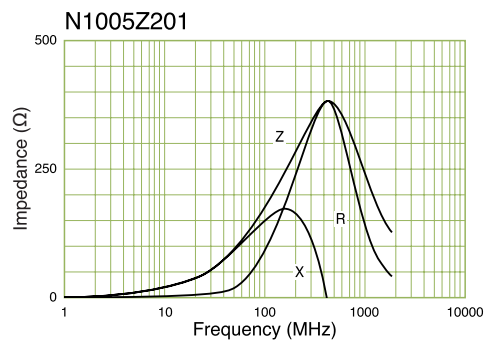
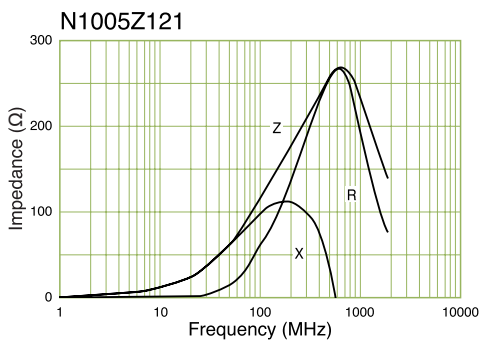
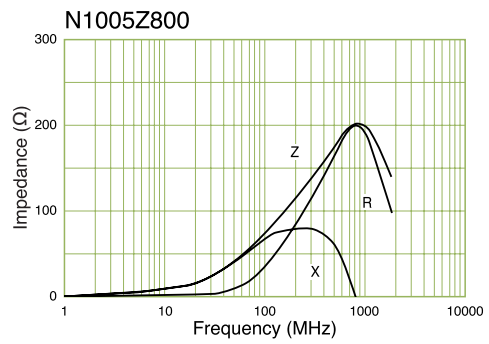
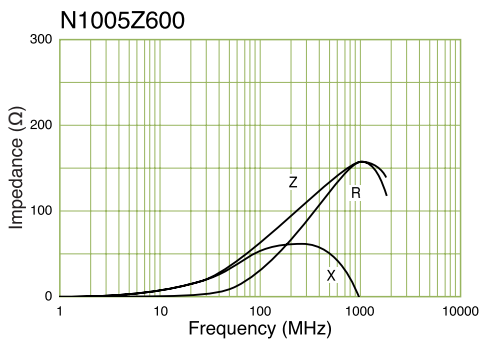
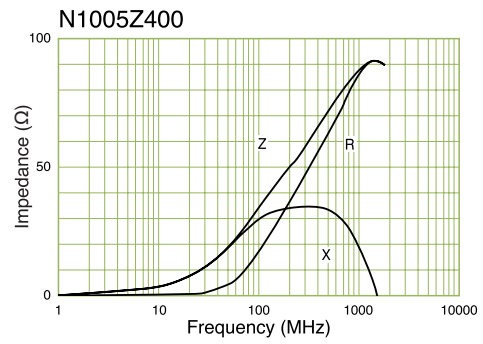
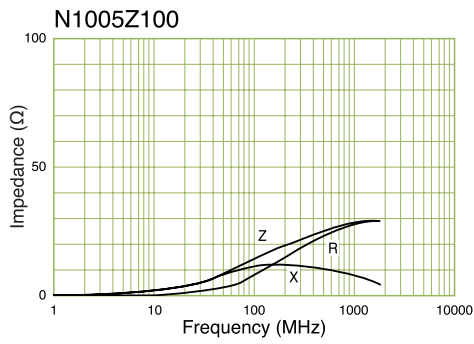


Numbering System

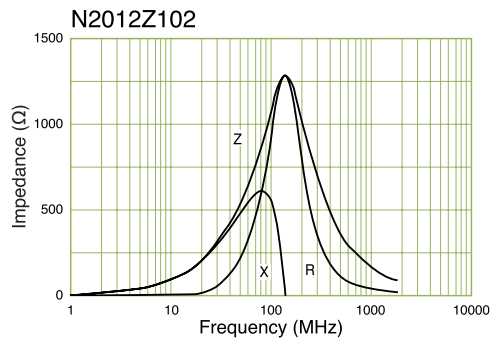
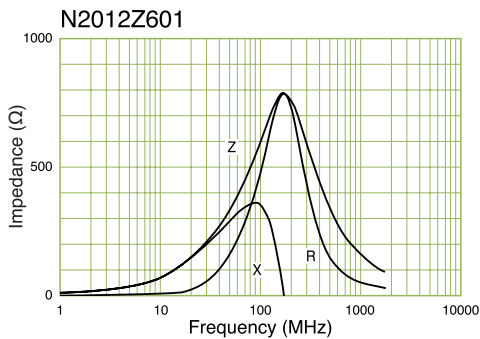
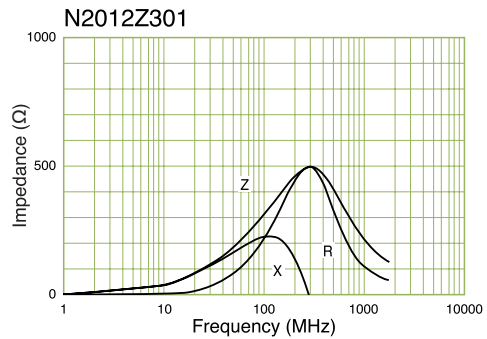
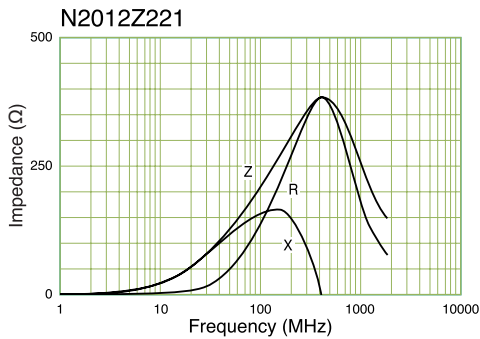
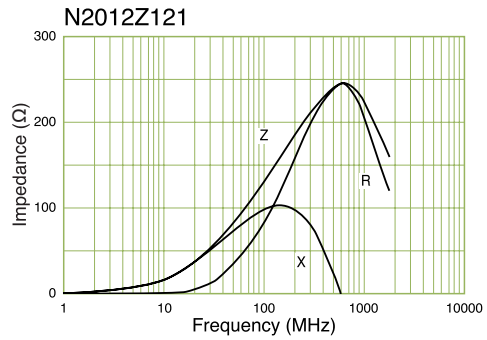
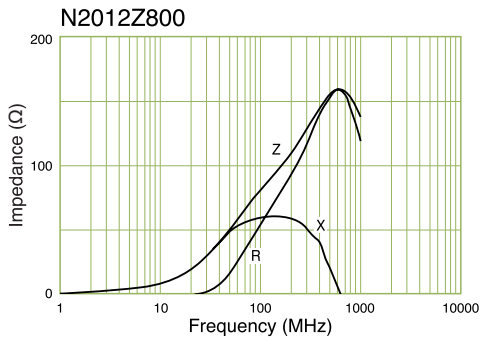
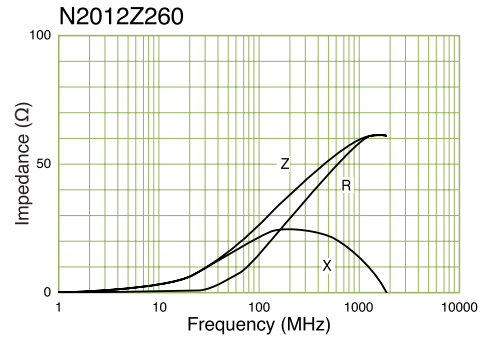
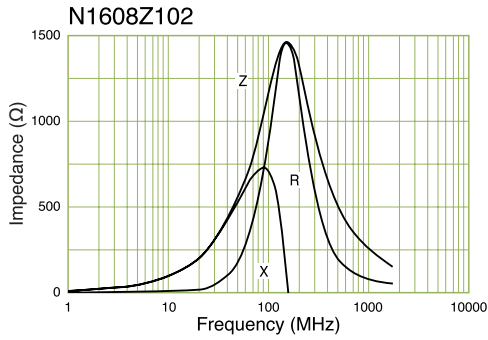
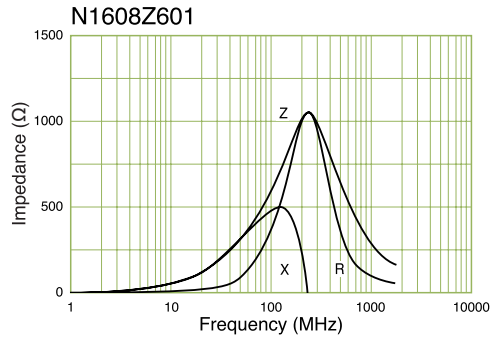
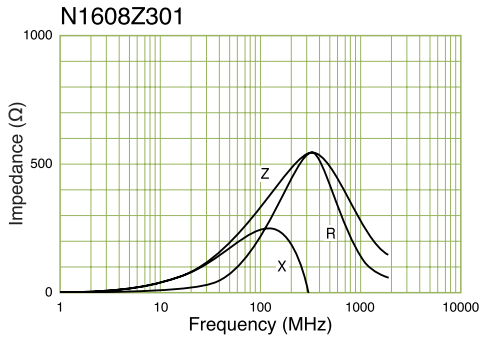
N 2012 Z 300 T $\Delta\Delta$
 ① ② ③ ④ ⑤ ⑥

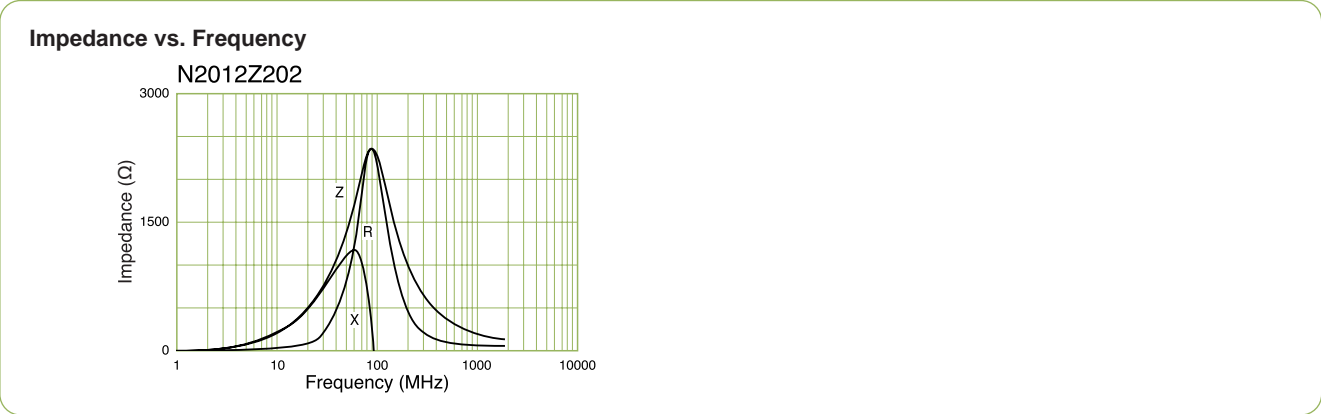
- ① Product type N : Normal Mode Chip Suppressors
- ② Dimensions 1005 : 1.0 \times 0.5 \times 0.5mm, 1608 : 1.6 \times 0.8 \times 0.8mm, 2012 : 2.0 \times 1.25 \times 0.9mm,
- ③ Material
- ④ Impedance 300 : 30 Ω , 121 : 120 Ω , 102 : 1000 Ω
- ⑤ Packaging T : Taping, 1005 : 4000pcs./reel, 1608 : 3000pcs./reel, 2012 : 3000pcs./reel,
- ⑥ NEC TOKIN control number

Impedance vs. Frequency



Impedance vs. Frequency





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SMD-Type Chip Filters