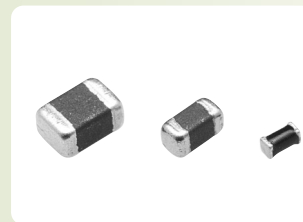


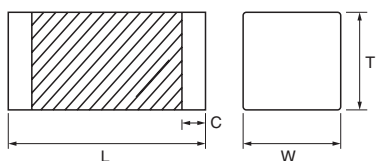
# Low-Loss N-Z Series



Model	Impedance ( $\Omega$ ) at 100MHz	DC resistance (m $\Omega$ ) max.	Rated current (mA)
N1005Z100T01	10 $\pm$ 25%	100	100
N1005Z400T01	40 $\pm$ 25%	150	100
N1005Z600T01	60 $\pm$ 25%	300	100
N1005Z800T01	80 $\pm$ 25%	300	100
N1005Z121T01	120 $\pm$ 25%	400	100
N1005Z201T01	220 $\pm$ 25%	600	100
N1005Z301TR5	300 $\pm$ 25%	800	50
N1608Z300T01	30 $\pm$ 25%	100	200
N1608Z800T01	80 $\pm$ 25%	200	200
N1608Z121T01	120 $\pm$ 25%	200	200
N1608Z301T01	300 $\pm$ 25%	300	200
N1608Z601T01	600 $\pm$ 25%	500	200
N1608Z102T01	1000 $\pm$ 25%	700	100
N2012Z260T06	26 $\pm$ 25%	200	600
N2012Z800T03	80 $\pm$ 25%	250	300
N2012Z121T03	120 $\pm$ 25%	300	300
N2012Z221T02	220 $\pm$ 25%	400	200
N2012Z301T02	300 $\pm$ 25%	400	200
N2012Z601T02	600 $\pm$ 25%	600	200
N2012Z102T01	1000 $\pm$ 25%	1000	200
N2012Z202T01	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



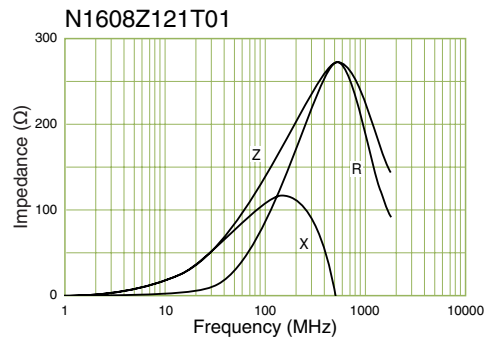
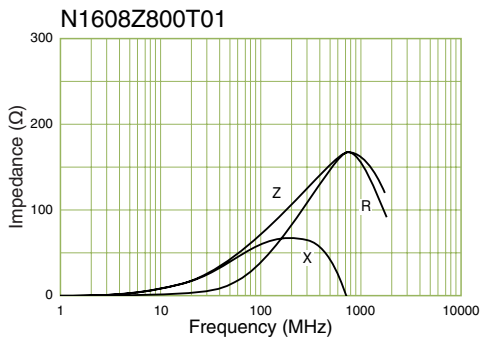
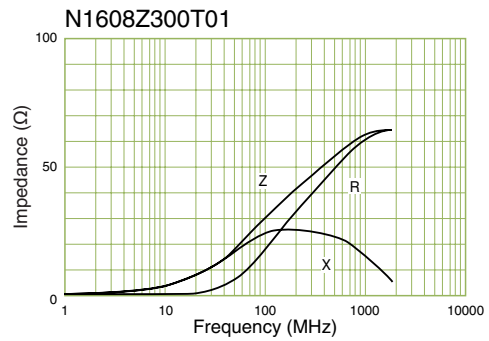
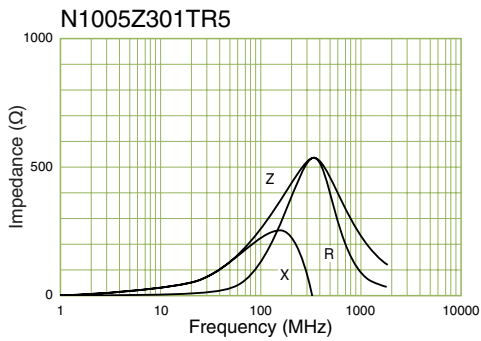
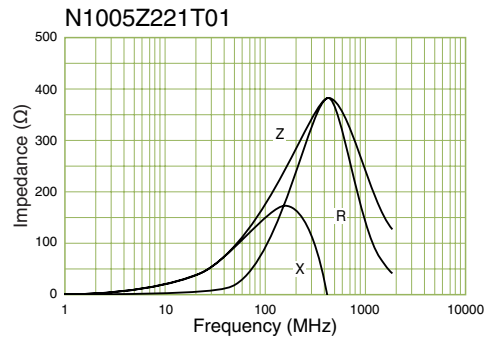
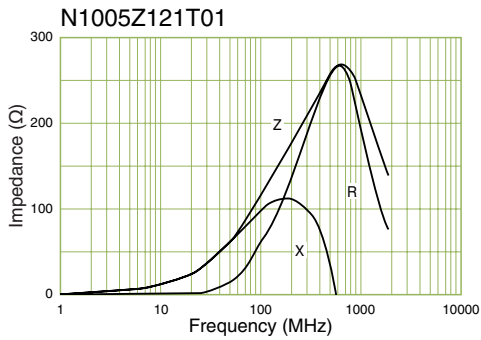
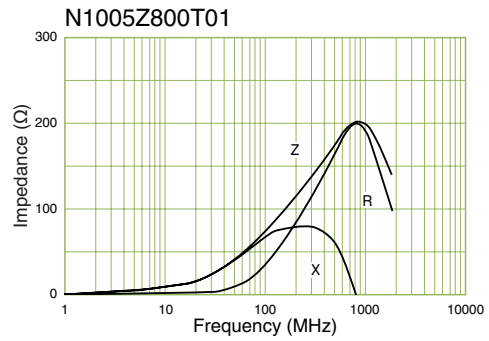
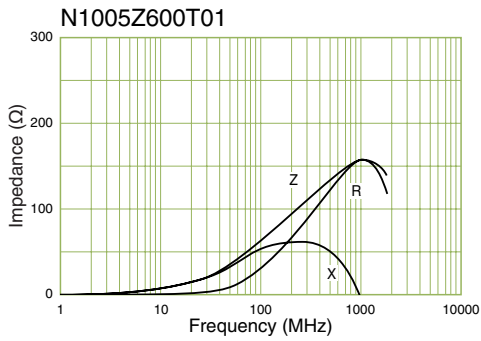
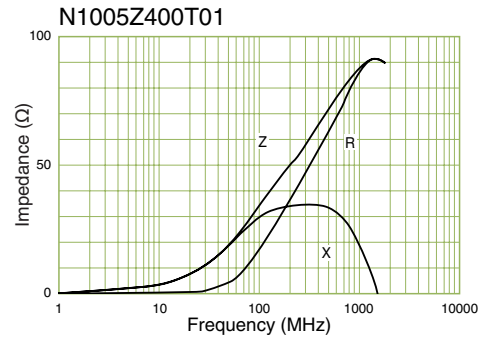
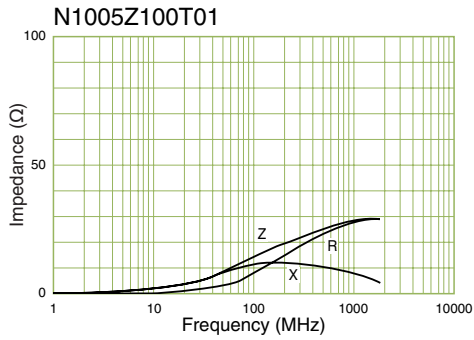
## Numbering System

N 2012 Z 300 T  $\Delta\Delta$

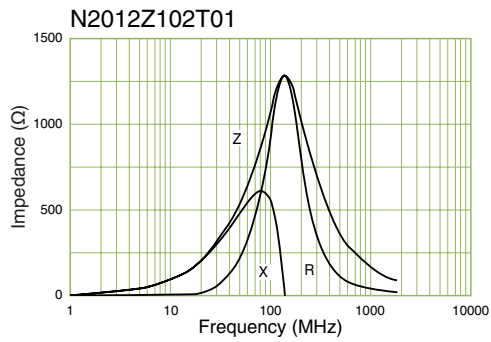
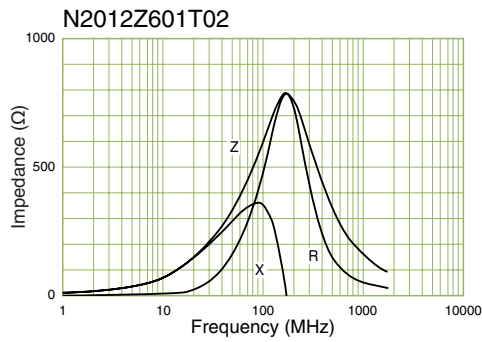
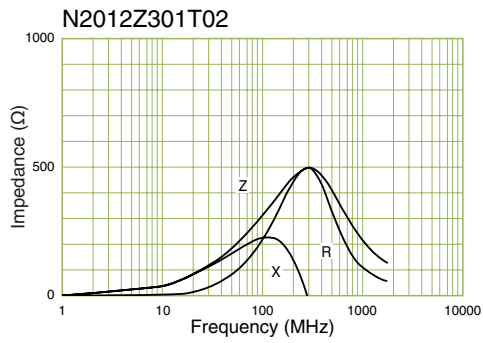
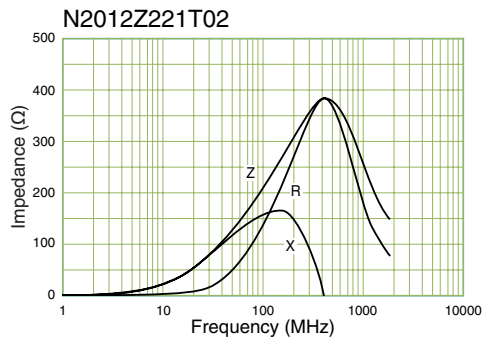
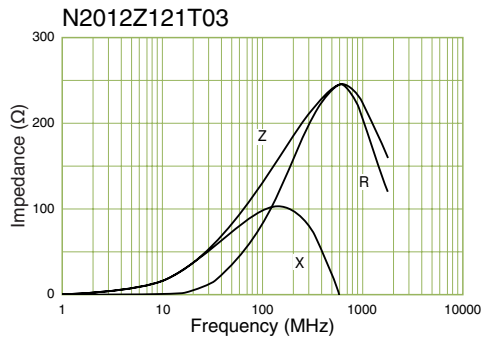
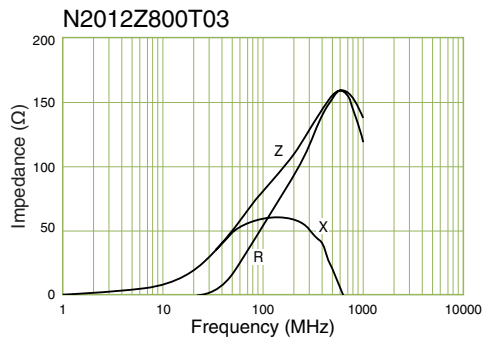
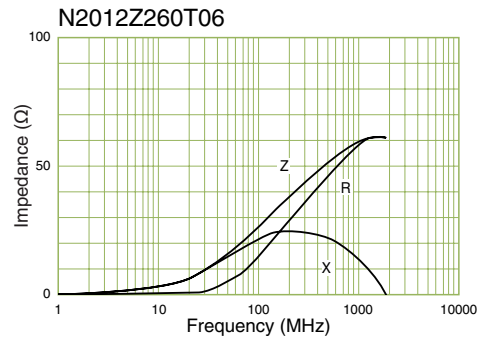
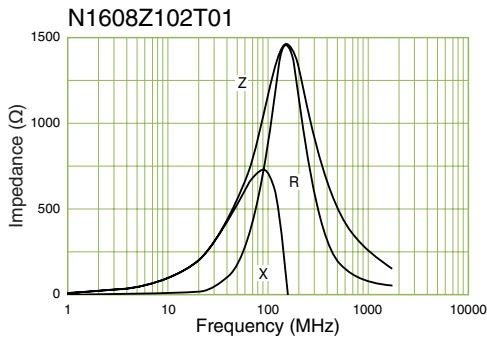
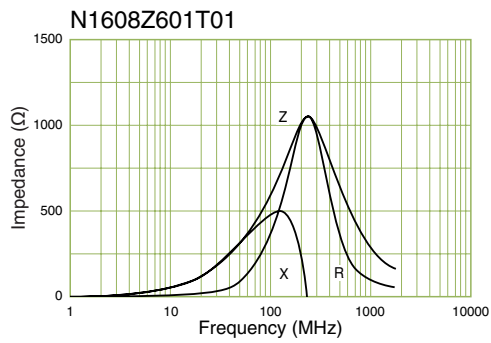
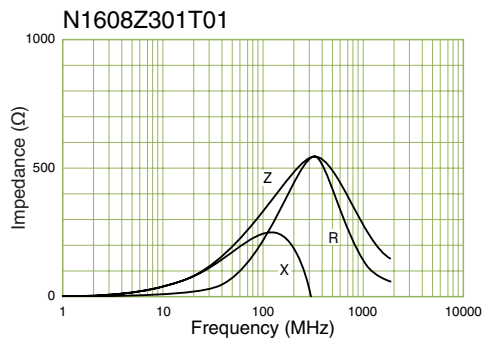
① ② ③ ④ ⑤ ⑥

- 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 $\Omega$ , 121 : 120 $\Omega$ , 102 : 1000 $\Omega$
- ⑤ Packaging T : Taping, 1005 : 10000pcs./reel, 1608 : 3000pcs./reel, 2012 : 3000pcs./reel,
- ⑥ NEC TOKIN control number

Impedance vs. Frequency



Impedance vs. Frequency



Impedance vs. Frequency

