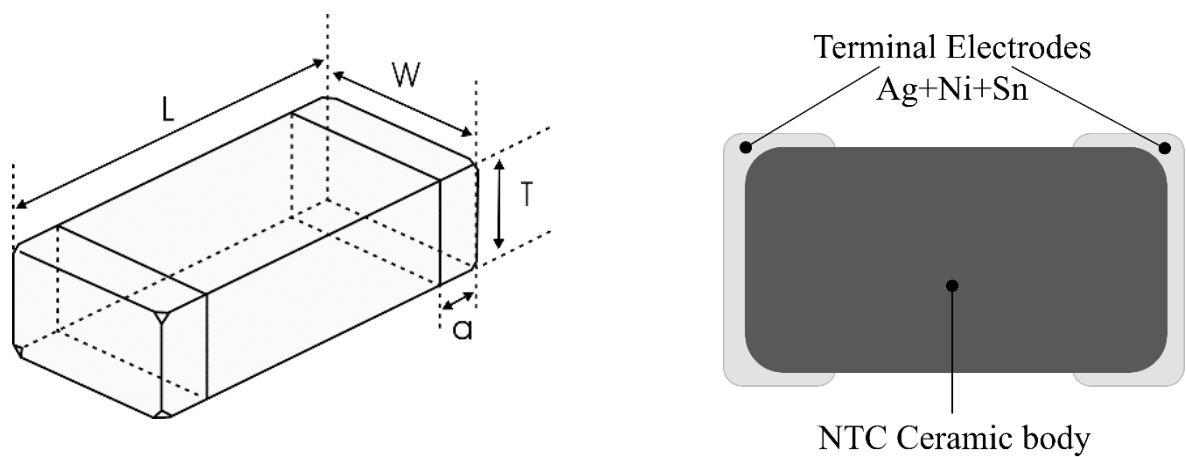


1. Shape & Dimensions & Components



Unit: mm

Type	L	W	T	a
0201	0.6±0.03	0.3±0.03	0.3±0.03	0.15±0.05

2. Identification (Part Number)

<u>MCN</u>	<u>0201</u>	<u>X</u>	<u>103</u>	<u>F</u>	<u>3435</u>	<u>F</u>	<u>A</u>
①	②	③	④	⑤	⑥	⑦	⑧

① Type	
MCN	Minci SMD NTC thermistor

② Chip dimension code (mm) (L×W×T)	
0201[0603]	0.60×0.30×0.30

③ Delimiter	
X	

④ Nominal Zero-Power Resistance at 25°C	
103	10kΩ
104	100kΩ

⑤ Tolerance of Resistance	
F	±1%
G	±2%
H	±3%
J	±5%

⑥ B Constant	
3435	3435K
3950	3950K
4250	4250K

⑦ Tolerance of B Constant	
F	±1%
H	±3%

⑧ B constant calculation method	
A	25°C&85°C
B	25°C&50°C

3. Electrical properties (In static air)

Part No.	R25 (kΩ)	B constant (25/50°C) (K)	B constant (25/85°C) (K)	Permissible Operating Current (25°C) (mA)	Rated Electric Power(25°C) (mW)	Dissipation Factor (mW/°C)	Thermal Time Constant (s)
MCN0201X103□3380FB	10	3380±1%	3435	0.31	100	1.0	<3
MCN0201X103□3435FA	10	3380	3435±1%	0.31			
MCN0201X223□3380FB	22	3380±1%	3435	0.21			
MCN0201X473□4050FB	47	4050±1%	4110	0.14			
MCN0201X473□4110FA	47	4050	4110±1%	0.14			
MCN0201X683□4150FB	68	4150±1%	4210	0.12			
MCN0201X104D4250DB	100±0.5%	4250±0.5%	4310	0.10			
MCN0201X104D4250FB	100±0.5%	4250±1%	4310	0.10			
MCN0201X104□4250FB	100	4250±1%	4310	0.10			
MCN0201X104□4310FA	100	4250	4310±1%	0.10			
MCN0201X474□3950FB	470	3950±1%	4010	0.04			
MCN0201X474□4050FA	470	3990	4050±1%	0.04			

* □ Please specify the tolerance of resistance (F=±1%, G=±2%, H=±3%, J=±5%)

Size (EIA)	Quantity
0201	15000pcs/ Reel