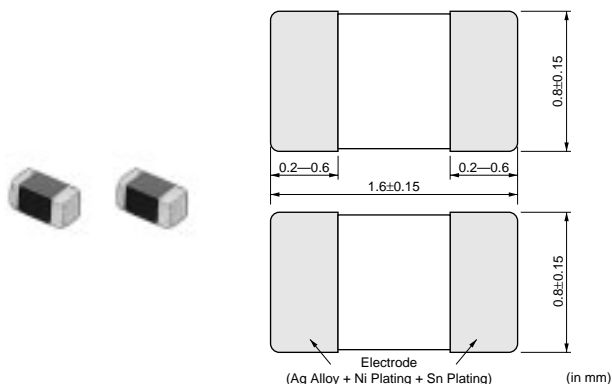


# NTC for Temperature Compensation

0603(1608) Size



Part Number	Resistance (25°C)	B-Constant (25-50°C) (K)	Max. Operating Current (25°C) (mA)	Rated Electric Power (25°C) (mW)	Typical Dissipation Constant (25°C) (mW/°C)	Operating Temperature Range (°C)
NCP18XF101□0SRB	100ohm	3250 ±3%	3.10	100	1	-40 to 125
NCP18XF151□0SRB	150ohm	3250 ±3%	2.50	100	1	-40 to 125
NCP18XM221□0SRB	220ohm	3500 ±3%	2.10	100	1	-40 to 125
NCP18XM331□0SRB	330ohm	3500 ±3%	1.70	100	1	-40 to 125
NCP18XQ471□0SRB	470ohm	3650 ±3%	1.40	100	1	-40 to 125
NCP18XQ681□0SRB	680ohm	3650 ±3%	1.2	100	1	-40 to 125
NCP18XQ102□0SRB	1.0k ohm	3650 ±3%	1.00	100	1	-40 to 125
NCP18XW152□0SRB	1.5k ohm	3950 ±3%	0.81	100	1	-40 to 125
NCP18XW222□0SRB	2.2k ohm	3950 ±3%	0.67	100	1	-40 to 125
NCP18XW332□0SRB	3.3k ohm	3950 ±3%	0.55	100	1	-40 to 125
NCP18XM472□0SRB	4.7k ohm	3500 ±3%	0.46	100	1	-40 to 125
NCP18XW682□0SRB	6.8k ohm	3950 ±3%	0.38	100	1	-40 to 125
NCP18XH103□0SRB	10k ohm	3380 ±3%	0.31	100	1	-40 to 125
NCP18XW153□0SRB	15k ohm	3950 ±3%	0.25	100	1	-40 to 125
NCP18XW223□0SRB	22.0k ohm	3950 ±3%	0.21	100	1	-40 to 125
NCP18WB333□0SRB	33k ohm	4050 ±3%	0.17	100	1	-40 to 125
NCP18WB473□0SRB	47k ohm	4050 ±3%	0.14	100	1	-40 to 125
NCP18WD683□0SRB	68k ohm	4150 ±3%	0.12	100	1	-40 to 125
NCP18WF104□0SRB	100k ohm	4250 ±3%	0.10	100	1	-40 to 125
NCP18WM154□0SRB	150k ohm	4500 ±3%	0.08	100	1	-40 to 125
NCP18WM224□0SRB	220k ohm	4500 ±3%	0.06	100	1	-40 to 125
NCP18WM474□0SRB	470k ohm	4500 ±3%	0.04	100	1	-40 to 125

Both flow and reflow soldering methods can be employed.

A blank column is filled with resistance tolerance codes. (J: ±5%, K: ±10%)

Tolerance ±1% NCP18XH103F0SRB is also available for 10k ohm type.