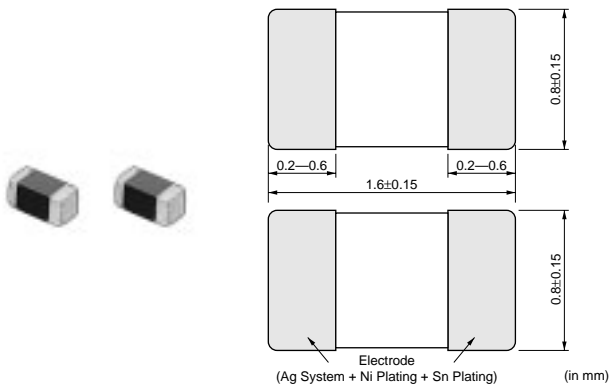


# NTC for Temperature Compensation

**0603(1608) Size**


Part Number	Resistance (25°C) (ohm)	B-Constant P (25/50°C) (K)	Permissible Operating Current (25°C) (mA)	Rated Electric Power (25°C) (mW)	Typical Dissipation Constant (25°C) (mW/°C)	Operating Temperature Range (°C)
<b>NCP18XF101□0SRB</b>	100	3250±3%	3.10	100	1.0	-40 to +125
<b>NCP18XF151□0SRB</b>	150	3250±3%	2.50	100	1.0	-40 to +125
<b>NCP18XM221□0SRB</b>	220	3500±3%	2.10	100	1.0	-40 to +125
<b>NCP18XM331□0SRB</b>	330	3500±3%	1.70	100	1.0	-40 to +125
<b>NCP18XQ471□0SRB</b>	470	3650±2%	1.40	100	1.0	-40 to +125
<b>NCP18XQ681□0SRB</b>	680	3650±3%	1.20	100	1.0	-40 to +125
<b>NCP18XQ102□0SRB</b>	1.0k	3650±2%	1.00	100	1.0	-40 to +125
<b>NCP18XW152□0SRB</b>	1.5k	3950±3%	0.81	100	1.0	-40 to +125
<b>NCP18XW222□0SRB</b>	2.2k	3950±3%	0.67	100	1.0	-40 to +125
<b>NCP18XW332□0SRB</b>	3.3k	3950±3%	0.55	100	1.0	-40 to +125
<b>NCP18XM472□0SRB</b>	4.7k	3500±2%	0.46	100	1.0	-40 to +125
<b>NCP18XW682□0SRB</b>	6.8k	3950±3%	0.38	100	1.0	-40 to +125
<b>NCP18XH103□0SRB</b>	10k	3380±1%	0.31	100	1.0	-40 to +125
<b>NCP18XW153□0SRB</b>	15k	3950±3%	0.25	100	1.0	-40 to +125
<b>NCP18XW223□0SRB</b>	22k	3950±3%	0.21	100	1.0	-40 to +125
<b>NCP18WB333□0SRB</b>	33k	4050±3%	0.17	100	1.0	-40 to +125
<b>NCP18WB473□0SRB</b>	47k	4050±2%	0.14	100	1.0	-40 to +125
<b>NCP18WD683□0SRB</b>	68k	4150±3%	0.12	100	1.0	-40 to +125
<b>NCP18WF104□0SRB</b>	100k	4250±2%	0.10	100	1.0	-40 to +125
<b>NCP18WM154□0SRB</b>	150k	4500±3%	0.08	100	1.0	-40 to +125
<b>NCP18WM224□0SRB</b>	220k	4500±3%	0.06	100	1.0	-40 to +125
<b>NCP18WM474□0SRB</b>	470k	4500±3%	0.04	100	1.0	-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%)

Resistance tolerance ±1% is also available for the following type.

10k ohm: NCP18XH103F0SRB

47k ohm: NCP18WB473F1SRB

100k ohm: NCP18WF104F3SRB