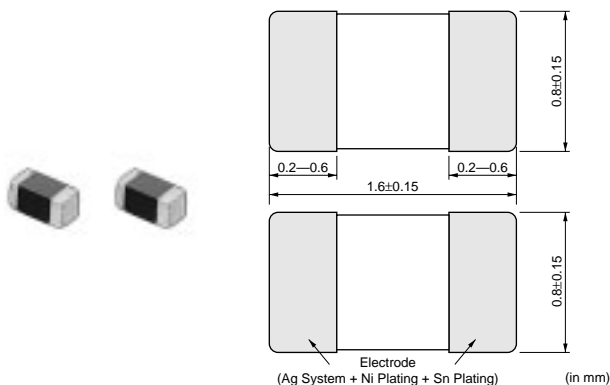


NTC for Temperature Compensation

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) |
|-----------------|-------------------------|----------------------------|---|----------------------------------|---|----------------------------------|
| NCP18XF101□0SRB | 100 | 3250±3% | 3.10 | 100 | 1.0 | -40 to +125 |
| NCP18XF151□0SRB | 150 | 3250±3% | 2.50 | 100 | 1.0 | -40 to +125 |
| NCP18XM221□0SRB | 220 | 3500±3% | 2.10 | 100 | 1.0 | -40 to +125 |
| NCP18XM331□0SRB | 330 | 3500±3% | 1.70 | 100 | 1.0 | -40 to +125 |
| NCP18XQ471□0SRB | 470 | 3650±2% | 1.40 | 100 | 1.0 | -40 to +125 |
| NCP18XQ681□0SRB | 680 | 3650±3% | 1.20 | 100 | 1.0 | -40 to +125 |
| NCP18XQ102□0SRB | 1.0k | 3650±2% | 1.00 | 100 | 1.0 | -40 to +125 |
| NCP18XW152□0SRB | 1.5k | 3950±3% | 0.81 | 100 | 1.0 | -40 to +125 |
| NCP18XW222□0SRB | 2.2k | 3950±3% | 0.67 | 100 | 1.0 | -40 to +125 |
| NCP18XW332□0SRB | 3.3k | 3950±3% | 0.55 | 100 | 1.0 | -40 to +125 |
| NCP18XM472□0SRB | 4.7k | 3500±2% | 0.46 | 100 | 1.0 | -40 to +125 |
| NCP18XW682□0SRB | 6.8k | 3950±3% | 0.38 | 100 | 1.0 | -40 to +125 |
| NCP18XH103□0SRB | 10k | 3380±1% | 0.31 | 100 | 1.0 | -40 to +125 |
| NCP18XW153□0SRB | 15k | 3950±3% | 0.25 | 100 | 1.0 | -40 to +125 |
| NCP18XW223□0SRB | 22k | 3950±3% | 0.21 | 100 | 1.0 | -40 to +125 |
| NCP18WB333□0SRB | 33k | 4050±3% | 0.17 | 100 | 1.0 | -40 to +125 |
| NCP18WB473□0SRB | 47k | 4050±2% | 0.14 | 100 | 1.0 | -40 to +125 |
| NCP18WD683□0SRB | 68k | 4150±3% | 0.12 | 100 | 1.0 | -40 to +125 |
| NCP18WF104□0SRB | 100k | 4250±2% | 0.10 | 100 | 1.0 | -40 to +125 |
| NCP18WM154□0SRB | 150k | 4500±3% | 0.08 | 100 | 1.0 | -40 to +125 |
| NCP18WM224□0SRB | 220k | 4500±3% | 0.06 | 100 | 1.0 | -40 to +125 |
| NCP18WM474□0SRB | 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