

Thermistors > NTC for Automotive (Temp. Sensor and Compensation) > Chip Type 0603 (1608) Size

How to check EU RoHS Comliant of Our Products is [here](#).

|                                         |               |
|-----------------------------------------|---------------|
| <a href="#">Product Lifecycle Stage</a> | in Production |
| <a href="#">Recommended Rank</a>        | Preferred     |

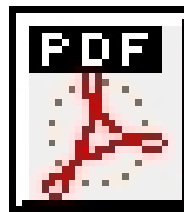
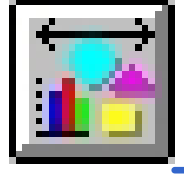
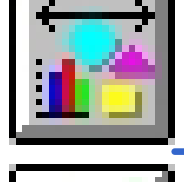
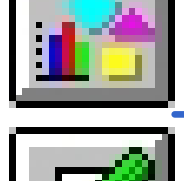
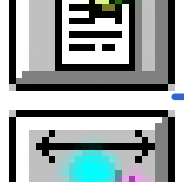
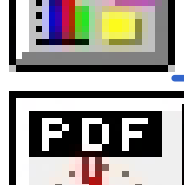
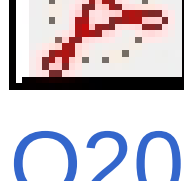
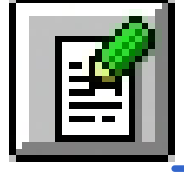
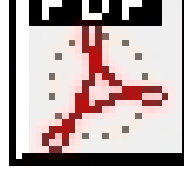
Specification

|                                               |                 |
|-----------------------------------------------|-----------------|
| Global Part Number                            | NCP18WD683E0SRB |
| Previous Part Number                          |                 |
| Resistance (25°C)                             | 68k ohm ±3%     |
| B-Constant (25/50 ? [C)                       | 4150K ±3%       |
| B-Constant (25/80 ? [C)<br>(Reference Value)  | 4201K           |
| B-Constant (25/85 ? [C)<br>(Reference Value)  | 4209K           |
| B-Constant (25/100 ? [C)<br>(Reference Value) | 4232K           |
| Rated Electric Power (25? [C)                 | 100mW           |
| Typical Dissipation Constant<br>(25? [C)      | 1mW/°C          |
| Thermal Time Constant                         |                 |
| Min. Operating Temp. Range                    | -40°C           |
| Max. Operating Temp. Range                    | 125°C           |
| Weight (Reference Value)                      | 0.004g          |

Minimum Quantity

|                     |      |
|---------------------|------|
| 180mm Paper Tape    | 4000 |
| 180mm Embossed Tape |      |
| 330mm Paper Tape    |      |
| 330mm Embossed Tape |      |
| Bulk Case           |      |
| Bulk(Bag)           |      |
| Ammo Pack           |      |
| 320Reel             |      |
| Magazine            |      |
| Box                 |      |

Details

- ?  [Part Numbering](#)
- ?  [Appearance](#)
- ?  [Dimensions](#)
- ?  [Features\\_and\\_Applications](#)
- ?  [Characteristics](#)
- ?  [Resistance\\_VS.\\_Temperature](#)
- ?  [Standard\\_Land\\_Dimensions](#)
- ?  [Specifications\\_and\\_TEST\\_Method\\_for\\_AEC - Q200rev.C](#)
- ?  [Taping\\_Dimensions](#)
- ?  [Caution\(Storage\\_and\\_Operating\\_Conditions\)](#)
- ?  [Caution\(Others\)](#)
- ?  [Notice\(Storage\\_and\\_Operating\\_Conditions\)](#)
- ?  [Notice\(Rating\)](#)
- ?  [Notice\\_\(Soldering\\_and\\_Mounting\)](#)
- ?  [Notice\(Handling\)](#)

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Product specifications in this catalog are as of January 2008.

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