

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

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

Product Lifecycle Stage	in Production
Recommended Rank	Preferred

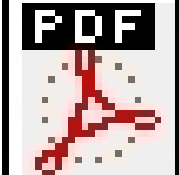
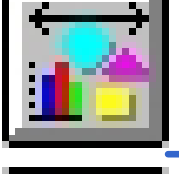
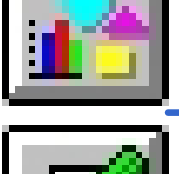
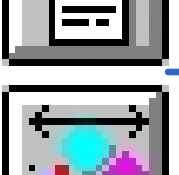


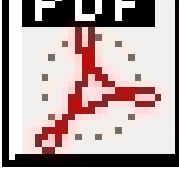





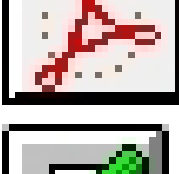


Specification

Global Part Number	NCP18XQ102E0SRB
Previous Part Number	
Resistance (25°C)	1.0k ohm ±3%
B-Constant (25/50 ? [C])	3650K ±2%
B-Constant (25/80 ? [C]) (Reference Value)	3688K
B-Constant (25/85 ? [C]) (Reference Value)	3693K
B-Constant (25/100 ? [C]) (Reference Value)	3706K
Rated Electric Power (25 ? [C])	100mW
Typical Dissipation Constant (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\(Handling\)](#)

Please approve our product specifications or to transact the approval sheet for product specifications before ordering. Please read rating and !Cautions first.
Product specifications in this catalog are as of January 2008.

All products and company names herein are trademarks or registered trademarks of their respective owners.