

NIC PRODUCT PROFILE

NRCPH Series

Anti-Surge Automotive Thick Film Resistors

Description:

Extending NIC's AECQ200 lineup of thick film chip resistors the NRCPH series offers surge withstanding voltage and higher power. Increased power ratings, double the standard version ratings, are offered in 0603 (1/4W), 0805 (1/3W), 1206 (1/2W), and 1210 (3/4W). Resistance values range from 1.0 Ω to 1 MΩ in ±0.5% (D), ±1% (F) and ±5% (J) tolerances, in E24 & E96 resistance values.

Stable TCRs of 100PPM/°C and 200PPM/°C, over an operating temperature range of -55°C ~ +155°C (with power derating above +70°C), and voltage ratings from 150V to 400V.

The NRCPH series meets the requirements of AECQ200 and suggested for use in automotive grade applications along with a wide range of higher power.

Features & Advantages:

- ◆ Meets the Requirements of AECQ200
- ◆ Surge withstanding voltages and higher power ratings
- ◆ 0603 ~ 1210 Chip Sizes Available
- ◆ Power ratings to 3/4W
- ◆ Wide resistance value range (1.0 Ω to 1 MΩ)
- ◆ Stable TCR

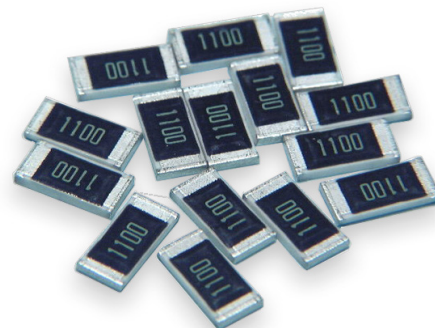
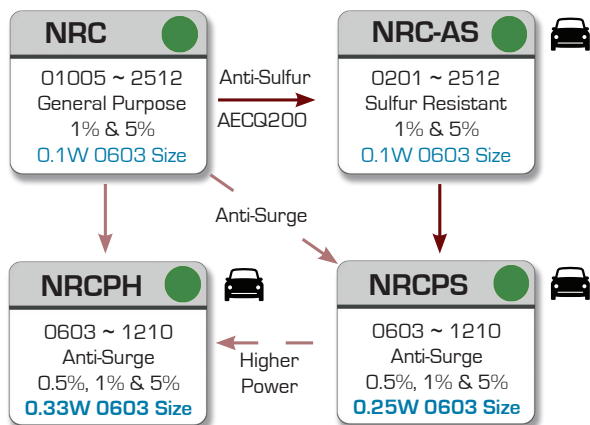
Get More Information:

NRCPH Series Page: www.niccomp.com/series/NRCPH

All Resistors: www.niccomp.com/resistors

Automotive Grade: www.niccomp.com/auto

Series Selection:



NRCPH Co-Sell Products

- ◆ High Current Ferrite Chip Beads (NCB-H)
- ◆ Low ESR Capacitors
- ◆ Multilayer Ceramic Chip Capacitors
- ◆ High Current Power Inductors (NPIM)

Cross & Replace with NRCPH

- ◆ KOA SG73P
- ◆ Panasonic ERJP
- ◆ Vishay CRCW-HP
- ◆ General purpose thick film resistors

NRCPH Applications

- ◆ Automotive Systems
- ◆ Drivetrain and Steering
- ◆ Industrial Controls
- ◆ Motors and Drives
- ◆ Voltage monitoring
- ◆ High voltage power supplies
- ◆ Test & measurement
- ◆ Current limiting
- ◆ Load balancing
- ◆ Voltage dividers

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