



NCSQ SERIES

PRODUCT PROFILE

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SERIES DESCRIPTION:

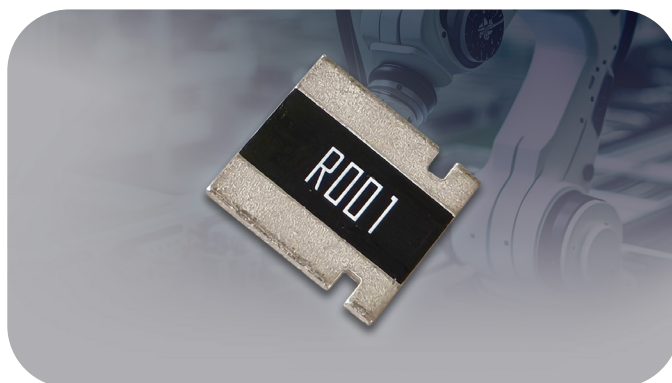
Metal Alloy Current Sensing Resistors

SERIES LINK:

www.niccomp.com/series/NCSQ

FEATURES

- Ultra-low resistance metal alloy construction
- Low Inductance, low TCR, and low EMF
- Four-terminal high precision design
- High Power Capability: up to 5.0W
- 170°C high-temperature rated
- AEC-Q200 Qualified



TECHNICAL DETAILS

| Parameter | Value |
|-------------------------|---|
| Automotive Grade | AEC-Q200 support available |
| Upgrade From (Replaces) | NCSA, NCSR |
| Power Rating Options | 3W (Standard), 4W (Improved Power), 5W High Power |
| Resistance Range | 0.5mΩ ~ 8.0mΩ |
| Tolerance Options | ±0.5%(D), ±1%(F), ±2%(G), ±5%(J) |

APPLICATIONS

- EV charging systems
- Power supply power management
- Renewable Energy Systems
- Industrial motor controls
- Battery management systems

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