

NCLH SERIES

PRODUCT PROFILE

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SERIES DESCRIPTION:

AEC-Q200 Metal Alloy
Current Sensing Resistors

SERIES LINK:

www.niccomp.com/series/NCLH

FEATURES

- ▶ AEC-Q200 qualified for automotive applications
- ▶ High power rating: up to 5W (4527)
- ▶ Sizes 0805 (1W) ~ 4527 (5.0W)
- ▶ Tight tolerances: down to $\pm 1\%$ available
- ▶ Low TCR: down to $\pm 50\text{ppm}/^\circ\text{C}$



TECHNICAL DETAILS

Parameter	Value
Automotive Grade	AEC-Q200 support available
Upgrade From (Replaces)	NCSS, NCLS
Size & (Max) Power Options	0805 (1W), 1206 (1.5W), 2512 (3W), 2725 (4W), 2728 (4W), 4527(5W)
Resistance Range	0.5m Ω ~ 500m Ω
Tolerance Options	$\pm 0.5\%$ (D), $\pm 1\%$ (F), $\pm 2\%$ (G), $\pm 5\%$ (J)
TCR	$\pm 50\text{ppm}/^\circ\text{C}$, $\pm 75\text{ppm}/^\circ\text{C}$, $\pm 100\text{ppm}/^\circ\text{C}$

APPLICATIONS

- ▶ Entertainment Product
- ▶ Power Supply
- ▶ Measurement & instrumentation
- ▶ Industrial Products
- ▶ Battery management systems

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