

AEC-Q200-Compliant Automotive Power Resistors

A long track record of reliable deliveries and exceptional operational stability. High-performance, high-reliability resistors for automotive applications.

Rated and Specification

Style	Photo	Model	Power Rated (W)	Resistance (Ω)	Tolerance (%)	TCR (ppm/°C)	Thermal Resistance (°C/W)
TO220		RNP-20S	35	0.02~	1*1	50*2	3.3
		RNP-50U	50	0.02~	1*1	50*2	2.3
TO263 D2PAK		RNP-20E	35	0.01~	1*1	50*2	3.3
		RNP-50E	50	0.01~	1*1	50*2	3.3
DPAK		RNP-45	45	0.02~	1*1	100	1.0

*1: Below 10Ω performs 5% tolerance with 1% for optional value

*2: Below 10Ω performs 100ppm/°C

Reliability Data

Style	Photo	Model	Insulation Voltage (VAC)	Capacitance (pF)	Inductance (nH)	Operating Temperature Range (°C)
TO220		RNP-20S	2000	1.44	8.38	-55~+175
		RNP-50U	2000	1.69	9.65	-55~+175
TO263 D2PAK		RNP-20E	2000	1.44	8.38	-55~+175
		RNP-50E	2000	1.69	9.65	-55~+175
DPAK		RNP-45	1500	1.44	8.38	-55~+175

For further inquiries, samples, or quotations, feel free to contact to us.

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