

AEC-Q200 qualified, $\pm 0.25\%$, ± 50 ppm/K, High precision thick film resistor



KOA's RK73G-series thick film resistors are designed for high precision applications using standard thick film technology.

Compared to KOA's general-purpose RK73-series, the new RK73G-series has an even better T.C.R. of ± 50 ppm/K and its low resistance tolerance of $\pm 0.25\%$ is ideal for precision designs such as high-accuracy sensing or voltage detection circuits in automotive and industrial applications.



The RK73G-series in the new tolerance of $\pm 0.25\%$ covers the resistance range from 100Ω to $1M\Omega$ and is available from 0402 to 1206 inch size.

Features:

- $\pm 0.25\%$ to $\pm 1\%$ tolerance
- ± 50 ppm/K
- $10\ \Omega$ to $1\ M\Omega$
- 0.05 W (0201 inch) to 0.25 W (1206 inch)
- Improved high temperature reliability (operating temperature -55°C to $+155^\circ\text{C}$)
- AEC-Q200 qualified
- Anti-Sulfuration type also available (RK73G_RT)

Applications:

- Automotive
- Motor controls
- AC adapters
- Switching boards
- Industrial automation
- Metering
- Router / Switches
- LED lighting
- Consumer electronics
- VCO

Ratings:

Type	Size (inch)	Power Rating	T.C.R. (ppm/K)	Resistance Range			Max. Working Voltage
				C: $\pm 0.25\%$ E24 · E96	D: $\pm 0.5\%$ E24 · E96	F: $\pm 1\%$ E24 · E96	
RK73G 1H	0201	0.05 W	± 50	-	100 ~ 1 M	100 ~ 1 M	25 V
RK73G 1E	0402	0.063 W		100 ~ 1 M	10 ~ 1 M	10 ~ 1 M	50 V
RK73G 1J	0603	0.1 W		100 ~ 1 M	10 ~ 1 M	10 ~ 1 M	75 V
RK73G 2A	0805	0.125 W		100 ~ 1 M	10 ~ 1 M	10 ~ 1 M	150 V
RK73G 2B	1206	0.25 W		100 ~ 1 M	10 ~ 1 M	10 ~ 1 M	200 V

For more information, please contact:

KOA Europe GmbH, Kaddenbusch 6, D-25578 Dägeling-Itzehoe, Germany

Phone: +49 (0)4821 89890, E-Mail: koa-europe@koaeurope.de, Internet: www.koaeurope.de