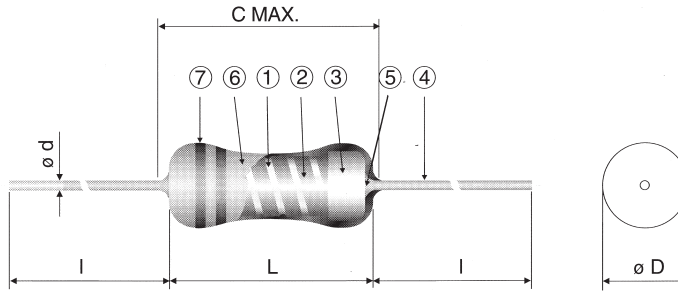
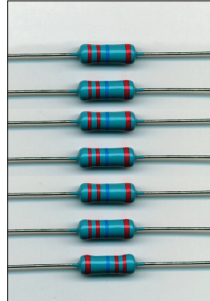


METAL GLAZE AXIAL TYPE RK



STRUCTURE

- 1 Ceramic core
- 2 Trimmed metal glaze layer
- 3 Steel cap (Cu, Sn plated)
- 4 Lead wire
- 5 Welding joint
- 6 Epoxy resin overcoating
- 7 Marking

IDENTIFICATION

PRODUCT CODE	COATING COLOR	MARKING
RK 1/4	Light blue-grey	Color code (R-value and tolerance)
RK 1/2		
RK 1		
RK 1/2 G		

All these products have Pb-free terminations and meet EU-RoHS requirements

TYPE DESIGNATION (HOW TO ORDER)

RK	1/4	B	C	T26	A	106	J
PRODUCT CODE	POWER RATING 1/4: 0.25W 1/2: 0.5W 1: 1W	T.C.R. D: ± 100 ppm/K L: ± 200 ppm/K G: ± 250 ppm/K B: ± 350 ppm/K	TERMINATION SURFACE MATERIAL C: SnCu	TAPING & FORMING *Please see "PACKAGING"	PACKAGING	NOMINAL RESISTANCE F: 4 digits G, J: 3 digits	RESISTANCE TOLERANCE F: ($\pm 1\%$) G: ($\pm 2\%$) J: ($\pm 5\%$)

Contact us when you have control request for environmental hazardous material other than the substance specified by EU-RoHS

FEATURES

- Resistance tolerance $\pm 1\%$ and T.C.R. ± 100 ppm/K are available
- Small in dimension and broad range in high resistance
- Metal glaze resistor elements provide high stable performance against environmental conditions and overload
- The RK 1/2 G is a discharge path resistor, which is recognised by UL 1676 and c-UL (CSA-C22.2, No. 1-M94) (File No. E159326); EIA J RC-2128
- Rated ambient temperature: $+70^{\circ}\text{C}$
- Operating temperature range: $-55^{\circ}\text{C} \dots +155^{\circ}\text{C}$

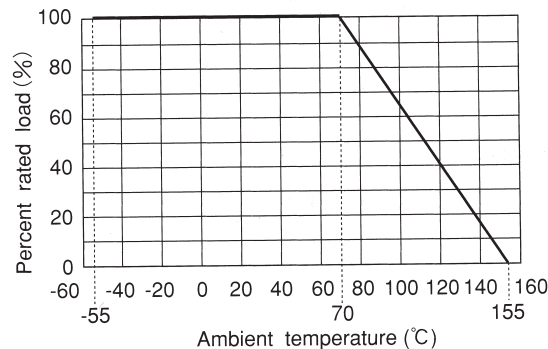
DIMENSIONS (mm)

TYPE	L	C Max.	D	d (nominal)	I**
RK 1/4	6.3 ± 0.5	7.1	2.3 ± 0.3	0.6	24 Min.
RK 1/2	9.5 ± 1.0	11.1	3.5 ± 0.4	0.6	24 Min.
RK 1 B	15.5 ± 1.0	18.3	5.5 ± 0.5	0.8	38 ± 3
RK 1/2 G*	9.5 ± 1.0	11.1	3.5 ± 0.4	0.6	24 Min.

* Discharge path resistor

** Lead length changes depending on taping and forming type.

DERATING CURVE



RATING

DIN SIZE	TYPE	T.C.R. (ppm/K)	POWER RATING*	MAX. WORKING VOLTAGE	MAX. OVERLOAD VOLTAGE	DIELECTRIC WITH-STANDING VOLTAGE	RESISTANCE RANGE		
							E96 • E24	E24	E24
							F($\pm 1\%$)	G ($\pm 2\%$)	J ($\pm 5\%$)
0207	RK 1/4	D (± 100)	0.25 W	500 V	700 V	500 V	3.09 M Ω ... 25 M Ω	—	—
		L (± 200)					—	3.3 M Ω ... 33 M Ω	3.3 M Ω ... 33 M Ω
		B (± 350)					100 k Ω ... 25 M Ω	100 k Ω ... 33 M Ω	100 k Ω ... 33 M Ω
0411	RK 1/2	D (± 100)	0.5 W	700 V	1000 V	700 V	5.11 M Ω ... 33 M Ω	—	—
		L (± 200)					—	6.2 M Ω ... 33 M Ω	6.2 M Ω ... 33 M Ω
		B (± 350)					100 k Ω ... 35 M Ω	100 k Ω ... 51 M Ω	100 k Ω ... 51 M Ω
0617	RK 1 B	B (± 350)	1 W	1000 V	1500 V	1000 V	100 k Ω ... 51 M Ω	100 k Ω ... 100 M Ω	100 k Ω ... 100 M Ω
0411	RK 1/2 G**	G (± 250)	0.5 W	350 V	700 V	700 V	—	—	1 M Ω ... 12 M Ω

* For resistors operated in ambient temperature over $+70^{\circ}\text{C}$, power rating shall be derated like shown in above "DERATING CURVE".

** Discharge path resistor

Rated voltage = $\sqrt{\text{Power rating} \times \text{resistance value}}$ or max. working voltage, whichever is lower.

Contact our sales representatives before you use our products for applications including automobiles, medical equipment and aerospace equipment. Malfunction or failure of the products in such applications may cause loss of human life or serious damage.

Specifications given herein may be changed at any time without prior notice. Please confirm technical specifications before you order or use.