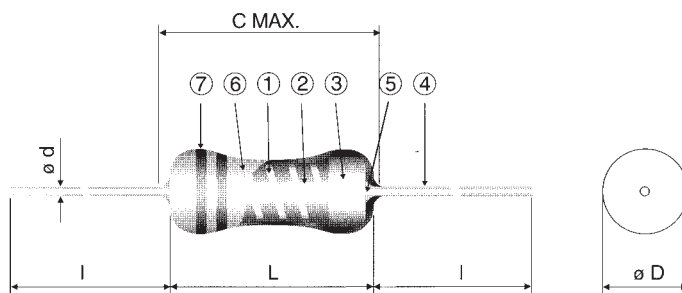
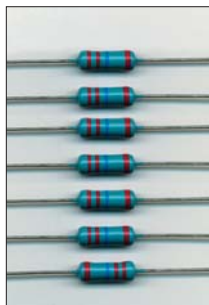


METAL GLAZE

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		

Products with Pb-free terminations
meet RoHS requirements

TYPE DESIGNATION (HOW TO ORDER)

Old Part No.	RK	14	B	2E			J	T26	A	10M		
New Part No. (Pb-free)	RK			1/4	B	C		T26	A	106	J	
	PRODUCT CODE	TERMINAL STYLE	T.C.R.	POWER RATING 1/4: 0.25W 1/2: 0.5W 1: 1W	T.C.R. D: ±100ppm/K L: ±200ppm/K G: ±250ppm/K B: ±350ppm/K	TERMINATION SURFACE MATERIAL C: SnCu L: Sn/Pb	RESISTANCE TOLERANCE	TAPING & FORMING	PACKAGING	NOMINAL RESISTANCE F: 4 digits G, J: 3 digits	RESISTANCE TOLERANCE F: ±1% G: ±2% J: ±5%	
								*Please see "PACKAGING"				

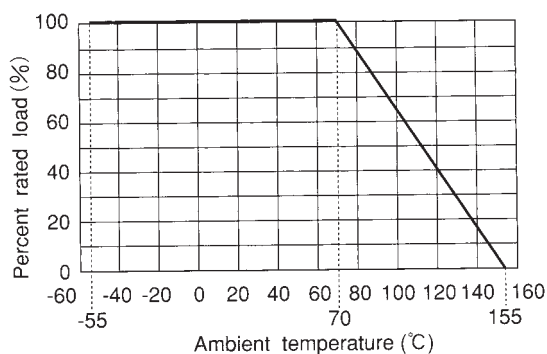
FEATURES

- 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	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.

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 (± 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