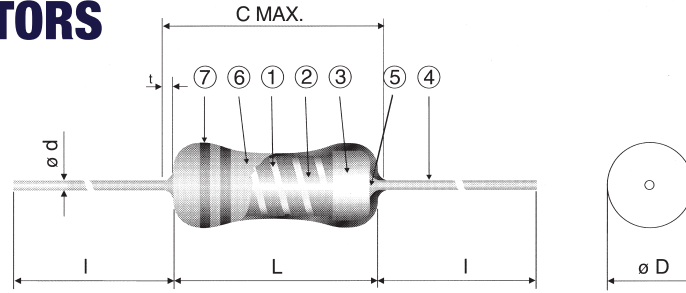
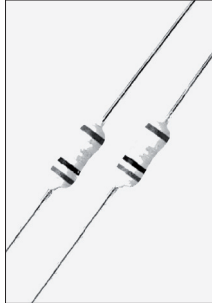


CIRCUIT PROTECTORS FUSING RESISTORS STABLE CURRENT RF 25 C C



STRUCTURE

- 1 Ceramic core
- 2 Fusible resistive metal film
- 3 Steel cap (Cu, Sn plated)
- 4 Lead wire
- 5 Welding joint
- 6 Flame retardant insulation coating
- 7 Marking

IDENTIFICATION

PRODUCT CODE	COATING COLOR	MARKING
RF 25 C	Blue	Color Code (R-value and tolerance) 5th Color Band is green

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

TYPE DESIGNATION (HOW TO ORDER)

RF	25	C	C	T52	A	R68	K	Contact us when you have control request for environmental hazardous material other than the substance specified by EU-RoHS
PRODUCT CODE	POWER RATING 25: 0.25W	TERMINATION SURFACE MATERIAL C: SnCu	CONSTANT CURRENT FUSING TYPE	TAPING & FORMING	PACKAGING A: Ammo R: Reel	NOMINAL RESISTANCE 3 digits	RESISTANCE TOLERANCE K: (±10%)	

*Please see "PACKAGING"

FEATURES

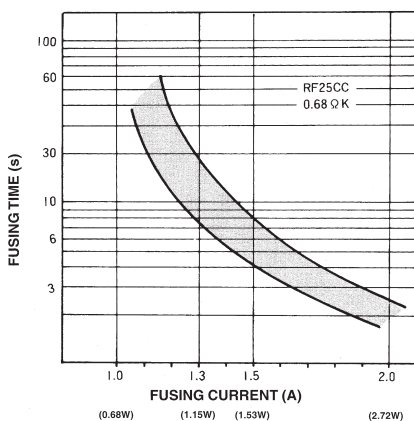
- Works as a resistor in normal operation
- Fuses within 60 sec. in case of excessive current
- Constant current fusing type
- Fuses at low magnification of power rating (5 or 10 times)
- Flame retardant type with non-flammable paint recognized by UL94 V-0
- Automatic insertion is applicable
- Various formings are available
- Meets or exceeds IEC 60115-1, JIS C 5201-1, EIAJ RC-2125
- Rated ambient temperature: +70°C
- Operating temperature range: -40°C... +155°C

DIMENSIONS (mm)

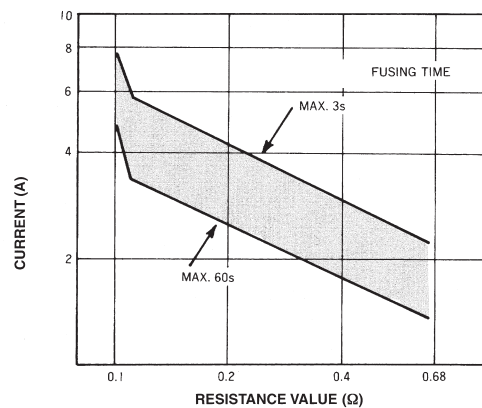
DIN SIZE	TYPE	L	C Max.	ø D	ø d (nominal)	l*
0207	RF 25 C C	6.3±0.5	7.1	2.3±0.3	0.60	30±3

*Lead length changes depending on taping and forming type.

EXAMPLES OF FUSING CHARACTERISTICS



CURRENT vs. RESISTANCE



RATING

DIN SIZE	TYPE	T.C.R. (ppm/K)	POWER RATING*	DIELECTRIC WITH-STANDING VOLTAGE	RESISTANCE RANGE	FUSING CHARACTERISTICS		
					E24 K(±10%)	FUSING POWER	FUSING TIME	
0207	RF 25 C C	3900 ±500ppm/K	0.25W	250V	0.1Ω...0.91Ω	2.5W 0.1Ω	1.25W 0.11Ω...0.91Ω	60 sec. Max.

* For resistors operated in an ambient temperature of +70°C or above, the power rating shall be derated.
Rated voltage = $\sqrt{\text{Power rating} \times \text{resistance value}}$ Please contact KOA for special precautions before you order and use this series.

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.

CIRCUIT PROTECTORS