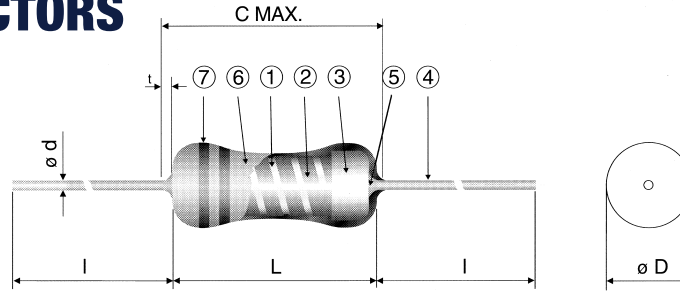


CIRCUIT PROTECTORS

FUSING RESISTORS
STANDARD
RF

STRUCTURE

- 1 Ceramic core
- 2 Fusible resistive metal film
- 3 Steel cap (Cu, Sn plated)
- 4 Lead wire
- 5 Welding joint
- 6 Silicon resin overcoating
- 7 Marking

IDENTIFICATION

PRODUCT CODE	COATING COLOR	MARKING
RF	Blue	Color Code (R-value and tolerance)

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

TYPE DESIGNATION (HOW TO ORDER)

RF	25	C	T26	A	102	J
PRODUCT CODE	POWER RATING 16: 0.17W 25: 0.25W 50: 0.5W 1: 1W 2: 2W	TERMINATION SURFACE MATERIAL C: SnCu	TAPING & FORMING	PACKAGING A: Ammo R: Reel	NOMINAL RESISTANCE 3 digits	RESISTANCE TOLERANCE J: (±5%)

*Please see "PACKAGING"

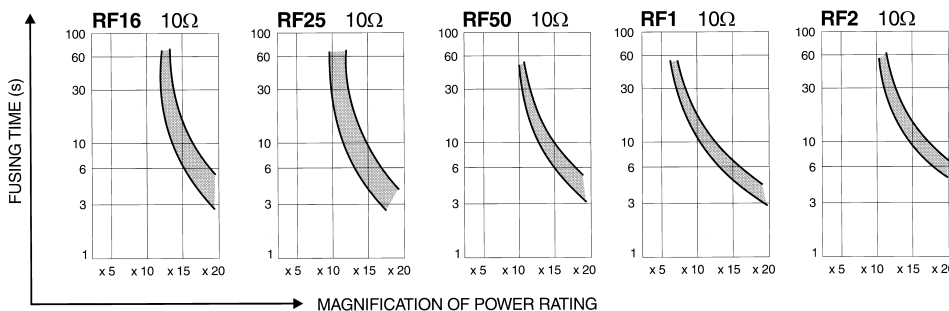
FEATURES

- Works as a resistor in normal operation
- Quick fusing protects the circuit against excessive overload
- Flame retardant coating 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.	D	d (nominal)	I
0204	RF 16	3.2 ± 0.2	3.4	1.7 ^{+0.25} ₋₀	0.45	30 ± 3
0207	RF 25	6.3 ± 0.5	7.1	2.3 ± 0.3	0.60	
0309	RF 50	8.5 ± 0.5	9.5	3.0 ± 0.3	0.60	
0411	RF 1	9.0 ± 1.0	11.1	3.5 ± 0.5	0.80	
0617	RF 2	15.5 ± 1.0	18.0	6.0 ± 1.0	0.80	

EXAMPLES OF FUSING CHARACTERISTICS



RATING

DIN SIZE	TYPE	T.C.R. (ppm/K)	POWER RATING*	DIELECTRIC WITH-STANDING VOLTAGE	RES. RANGE	FUSING CHARACTERISTICS							
					E24	FUSING POWER						FUSING TIME	
					J(±5%)								
0204	RF 16	± 1000: R≤4.7Ω	0.17 W	250 V	1Ω...1kΩ	—	—	—	3 W 1Ω...4.7Ω	2.5 W 5.1Ω...1kΩ	—	60 sec. Max.	
0207	RF 25		0.25 W		0.1Ω...10kΩ	10 W 0.1Ω...0.18Ω	7.5 W 0.2Ω...0.43Ω	6.25W 0.47Ω...0.91Ω	—	3.75 W 1Ω...4.7Ω	3 W 5.10Ω...2.2kΩ	30 sec. Max.	
0309	RF 50		0.5 W	300 V	0.1Ω...15kΩ	—	—	12.5 W 0.1Ω...0.43Ω	—	7.5 W 0.47Ω ... 2Ω 1.1kΩ...15kΩ	6 W 2.2Ω ...1kΩ		
0411	RF 1		± 350: R≥5.1Ω	1 W	350 V	0.1Ω...10kΩ	—	30 W 0.1Ω...0.18Ω	25 W 0.2Ω...0.43Ω	—	15 W 0.47Ω...2Ω 1.1kΩ...10kΩ		12 W 2.2Ω...1kΩ
0617	RF 2		2 W	600 V	1Ω...3kΩ	—	—	—	36 W 1Ω...3.6Ω	30 W 1.1kΩ...3kΩ	24 W 3.9Ω...1kΩ		

* For resistors operated in an ambient temperature of +70°C or above, the power rating shall be derated.

Rated voltage = $\sqrt{\text{Power rating} \times \text{resistance value}}$