

Small size, high v-proof
 Safty,fusing time well
 Stability 5%

RF10S Coated type Fuse-Resistor

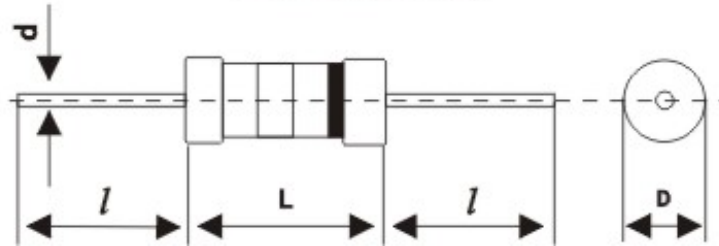
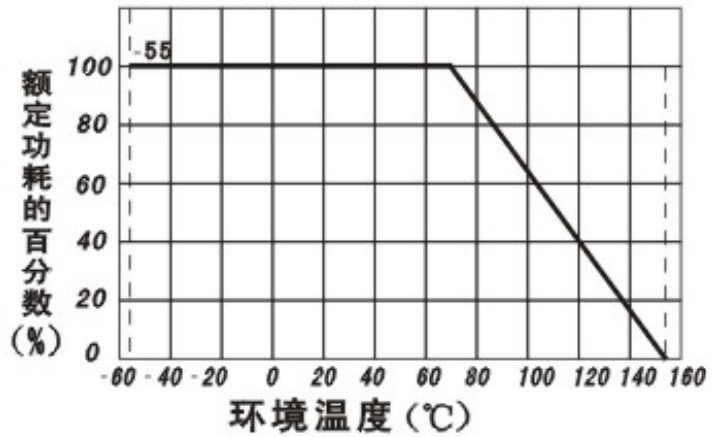
Standard
 GB/T 5729 (IEC115-1) Fixed resistor used in electronics equipment
 part

1: Generic specification
 Q/RU 290-2003 Detail specification ,Type RF10S coated fuse-resistor

Dimension (mm)

Type	Power(W)	Resistance dimension (max)		Terminal dimension	
		D	L	d±0.05	l±2
RF10S	0.5	2.5	7.0	0.6	28
RF10S	1	3.9	10.5	0.6	28
RF10S	2	5.5	14.0	0.8	28
RF10S	3	6.5	17.0	0.8	28

★ 降功耗曲线



Main Specification

Type	Rated power (W)	Resistance range ()	Resistor tolerance ±(%)	TCR ±(× 10 ⁻⁶ /)	Open circuit voltage max (V)	Insulation vottage (DC or AC peak value) (V)
RF10S	0.5	0.22-1K	5(J) 10(K)	350	250	350
RF10S	1	0.22-1K			350	500
RF10S	2	0.22-1K			350	500
RF10S	3	0.22-1K			350	500

Main Inspection Items, Methods and Requirements

Ltems	Methods	Requirement
Withstand Voltage	Methods : V-block Time : 1min	No breakdown or flashover
Solderability	Temperature : 235 ± 5 Time : 2 ± 0.5s	90% coverage Min
Over-load	2.5 times of Rated voltage Time : 5s	± (1%R+0.05)
fuse characteristic	<2 : 16 times of rated power	Within 60 seconds
	2~10 : 12 times of rated power	Within 60 seconds
	>10 : 12 times of rated power	Within 30 seconds
terminal strength	Tension : 10N Bending force : 2 time Torque : 180° 2 time	±(1%R+0.05)
Resistance to soldering heat	Trough temperature : 350 ± 10 Time : 3.5±0.5S	±(1%R+0.05)
Fast temperature change	-55 ~+155 5 time cycle	±(1%R+0.05)

Vibration	Frequency : 10HZ~500HZ Amplitude : 0.75mm或98m/S ² Total duration : 6h	±(1%R+0.05)
Climate category	Exothermic -cycle damp-heat t (first cycle) -cold-depression - cycle damp-heat (rest cycle) -DC burden	±(5%R+0.1)
Resistance vs temperature	-55 ~+155	± 350 × 10 ⁻⁶ /
Endurance at 70	Temperature : 70 Rated voltage Time : 1000h	±(5%R+0.1)
Continuous over-load	2.5 Rated voltage ON 1sec OFF 25sec 10000 time	±(2%R+0.05)
Steady damp-heat	Temperature : 40 humidity : 95% Time : 21 days	±(5%R+0.1)
Endurance at upper-limit temperature	Temperature : 155 Time : 1000h	±(5%R+0.1)
Occasional over-load	Stand 5 , 10 , 16 times of rated power	No fire

Specification are subject to change without notice.