



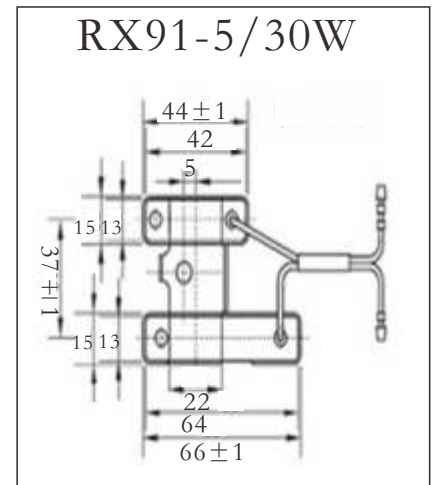
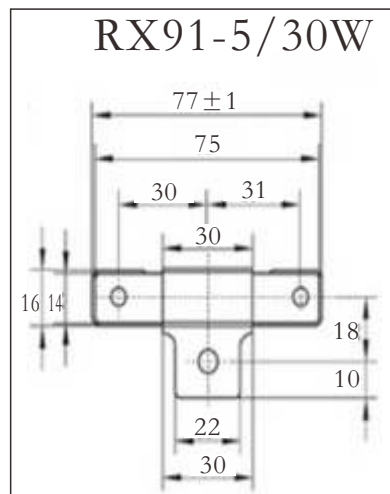
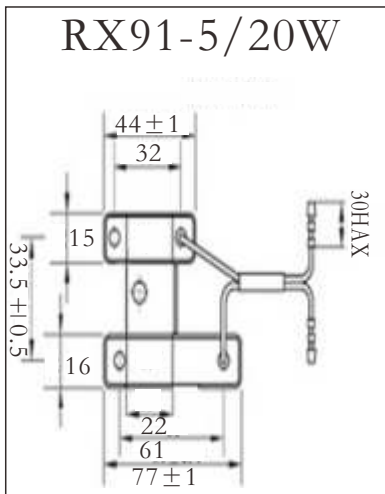
## ● Features

- I .High intensity case
- II .High strength, Good vibration resistance
- III .Two kinds of resistors with different power combines

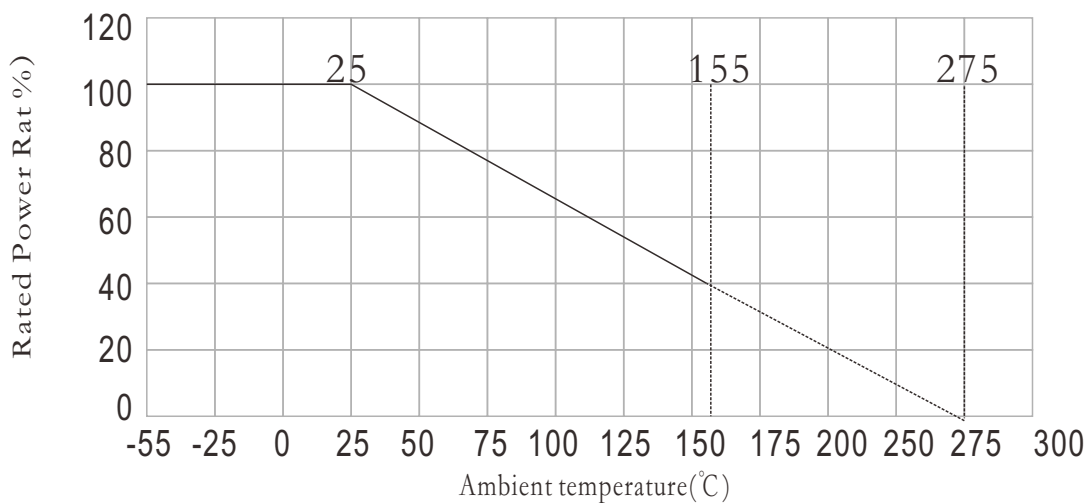
## ● Applications

- I .Used in motorcycle headlamps
- II .Bleeder circuit

## ● Constructions



## ● Derating Curve



## ● Reference Standards

JISC 5201-1

## Power And Resistance etc

Type	Power(w)	Rated power(w) Ambient temperature=70°C	Resistance range(Ω)		Tolerances	TCR PPM/°C	Insulation Voltage
			Min	Max			
RX91	5	5W	1R0	3K6	± 5% ± 10%	± 250	700V
RX91	20	20W	4R7	4K7			
RX91	5/20	5/20W	1R0/4R7	3K6/4K7			
RX91	20/20	20/20W	4R7/4R7	4K7/4K7			
RX91	30	30W	5R1	5K1			
RX91	5/30	5/30W	1R0/5R1	3K6/5K1			
RX91	30/30	30/30W	5R1/5R1	5K1/5K1			

## Performance

Test Items	Specifications
Tolerances	± 5% (J) ± 10%(K)
T.C.R	± 250ppm/°C
Insulation voltzge	700V
Insulation resistange	≥ 1GΩ
Temperature range	-55°C ~ 155°C
Derating	when the temperature rises from 25°C to 275°C , The load resistors allowed decend from the 100% to 0% of the rated power
Load life with normal temperature,1.5 times rated power for long time(200h) experiment	$\Delta R \leq \pm (3\%R + 0.05\Omega)$
Damp heat,state40°C , 93%,r,h,21d	$\Delta R \leq \pm (5\%R + 0.05\Omega)$
Terminal tensile strength	$\Delta R \leq \pm (1\%R + 0.05\Omega)$

## Ordering Information

example

Product Name	power	Tolerance	Resistance Value (Ω)	T.C.R
R X91 The motorcycle industry discharge resistor	5W 20W 30W	J ± 5% K = ± 10%	5R0 = 5.0Ω	± 250ppm/°C