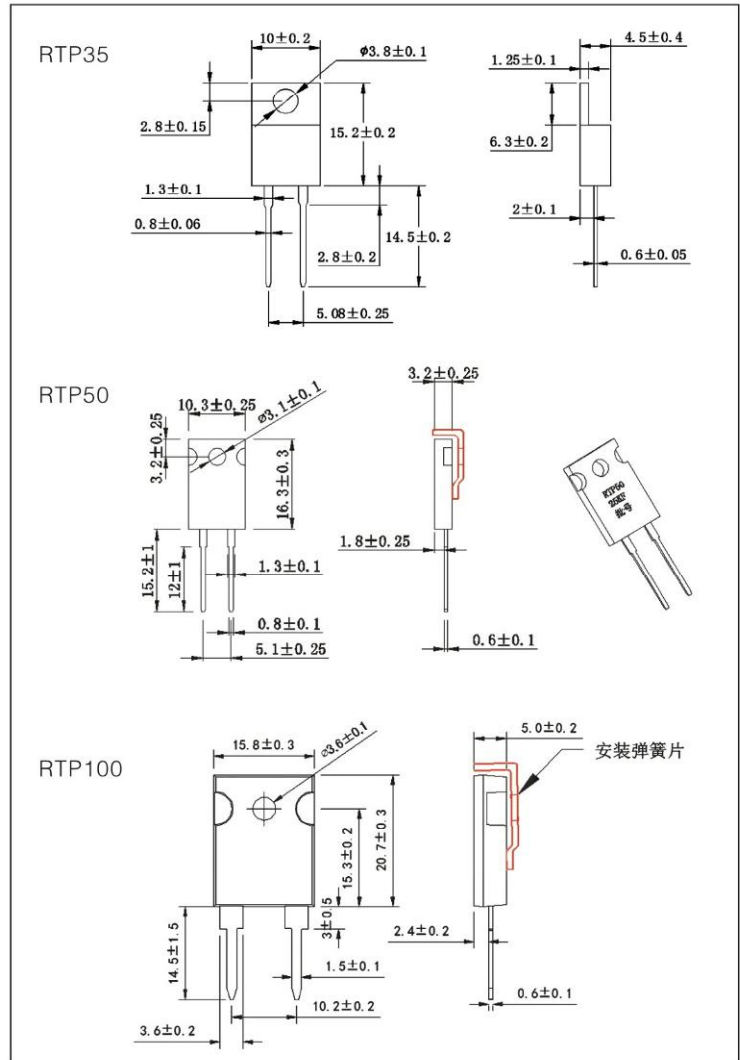


## Construction(mm)



## Characteristics

- 0.5% Tolerance, Non inductance design
- High power, wide resistance value
- Easy mounting
- Two different values of resistors in one case

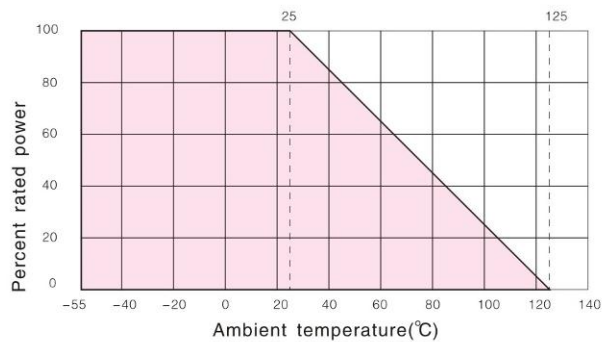
## Applications

- Meters and instruments
- all kinds of electrical devices

## Reference Standards

Q/ATK045-2005

## Derating Curve



## ■ Technical Specifications

Type	Power (25°C)	Thermal resistance	Resistance Range	Tolerance	TCR (10 <sup>-6</sup> /K)	Max Working Voltage (V)	Dielectric Strength
RTP35	35	4.5	0.1Ω~1Ω	±5%; ±10%	±500	350V	1800VAC
RTP50	50	2.5	1Ω~10Ω	±5%; ±10%	±250	450V	1500VAC
RTP100	100	1.5	10Ω~1MΩ	±1%; ±5%	±50 ±100	700V	1800VAC

## ■ Performance

Test Item	Specifications	Test Methods
Short Time Overload	$\Delta RW \pm (0.25\%R + 0.05Q)$	2.5V <sub>R</sub> , 5s
Rapid temperature change	$\Delta RW \pm (0.25\%R + 0.05Q)$	-55°C, 30min/125°C, 30min 5cycles
Load life	$\Delta RW \pm (1\%R + 0.05Q)$	15°C~351, P <sub>R</sub> , 1000h
Humidity(steady states)	$\Delta RW \pm (1\%R + 0.05Q)$	40°C, RH93±3%, 56d
Temperature cycling	$\Delta RW \pm (1\%R + 0.05Q)$	125°C, 16h/55°C, RH93±3%, 24h/ -55V, 2h/15~35°C, 8.5KPa, 1h

## ■ How To Order

### Example

RTP	35	35W	10R	±0.5%	±50(10 <sup>-6</sup> /K)	box
Type	Style	Power	Nominal Value	Tolerance	TCR	Packaging
RTP	35 50 100	35W 50W 100W	10R	±0.5% ±1% ±5%	±50(10 <sup>-6</sup> /K) ±100(10 <sup>-6</sup> /K) ±250(10 <sup>-6</sup> /K)	box

Packaging: Plastic recloseable bags (moq: 30PCS)