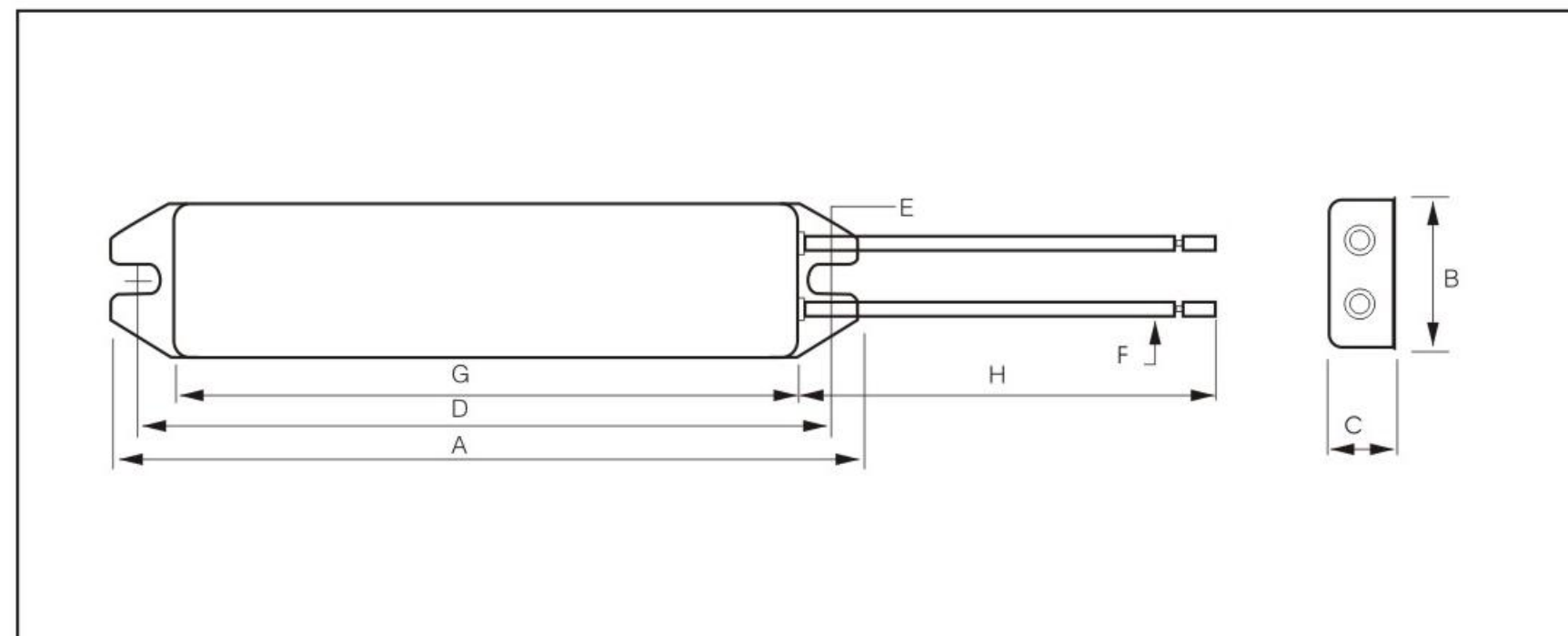


## Construction(mm)



## Features

- High power, firmly and shock-proof
- Good heat-sink, low TCR, linearly
- Easy to be mounted with heat sink

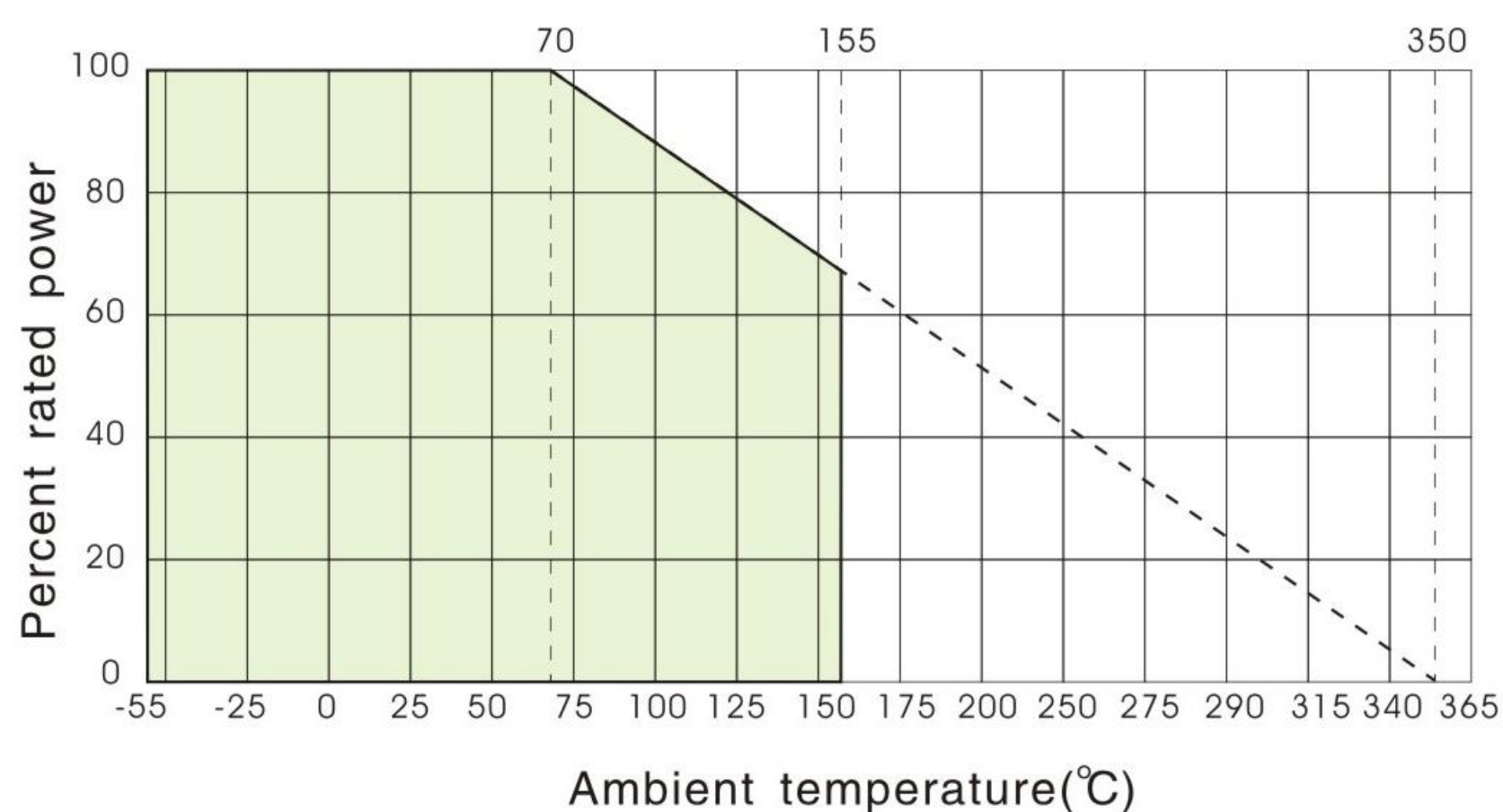
## Reference Standards

Q/ATK 071

## Applications

- Used in engineering mechanism
- Electric power distribution, load test
- instruments and equipments
- Auto control devices

## Derating Curve



## Technical Specifications

Type	Rated Power	Resistance Range (Ω)	TRC (10 <sup>-6</sup> /K)	Dimensions(mm)							
				A	B	C	D	E	F	G	H
RXL60	60W	1~10K	200	100	30	13	90	4.5	0.75mm <sup>2</sup>	75	300
RXL80	80W	1~10K		150	34	21	140	5	0.75mm <sup>2</sup>	125	300
RXL120	120W	1~10K		182	42	21	172	6	0.75mm <sup>2</sup>	150	300

## Performance

Characteristics	Specifications	Test Methods
Short-term overload	$\Delta R \leq \pm (2\%R \pm 0.05 \Omega)$	$\sqrt{5RP}$ 5s
Withstanding Voltage	No mechanical damage, no breakdown, no flare	1000V Ac 1mA 60s ± 5s
Insulation resistance	$\geq 1G \Omega$	Measuring Voltage: 500 ± 50V
Temperature coefficient	$\pm 260 \text{ppm}/^\circ\text{C}$	GB/T 5729-2003 Article 4.8
Reduce Power Loss	When the ambient temperature rises from 70°C to 275°C, the permissible load of the resistor decreases from 100% to 0% of the rated power.	
Long Term Life	$\Delta R \leq \pm (5\%R \pm 0.1 \Omega)$	1000h, 1.5h energized, 0.5h de-energized
Surface Temperature Rise	$\leq 210^\circ\text{C}$	GB/T 5729-2003 Article 4.14, Apply rated voltage to achieve thermal stability