

RHW

High Voltage Discharge Resistors for Automobile



**Automotive Grade
AEC-Q200**

- Power Rating Range 50W
- Resistance Range of 10kΩ to 50KΩ
- Low Temp-Coefficient($\pm 10\text{ppm}$), High Stability
- Excellent Operating Stability
- High Power to Volume
- Wound to Maximize High Pulse Capability
- Mount on the Chassis to Take Advantage of the Heatsink Effect
- Standard Tolerance 1%, 2% & 5% Available

▣ SPECIFICATIONS

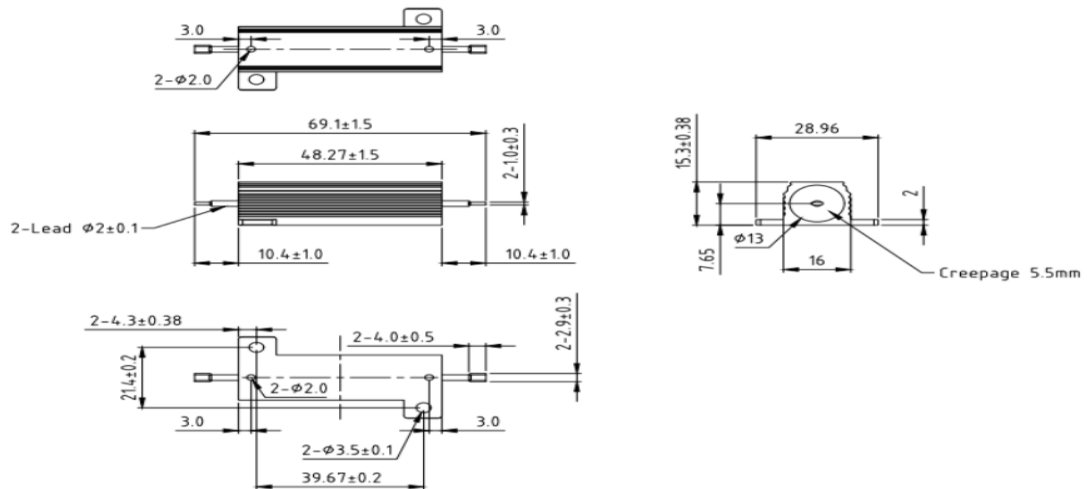
ITEM	SPECIFICATION LIMITS
Operating Temp	-55~ 250°C
Insulation Resistance	DC1000V / 1000MΩ / 60sec
Dielectric Strength	DC2700V for 1min (Max 0.5mA)
Temperature Coefficient	Max $\pm 10\text{ppm}/^\circ\text{C}$
Shot Time Over Load	5x Power rating, 5sec
Mechanical shock Vibration	X,Y,Z /100G
Load Life	Rated power 125°C (1000h)

▣ RATINGS

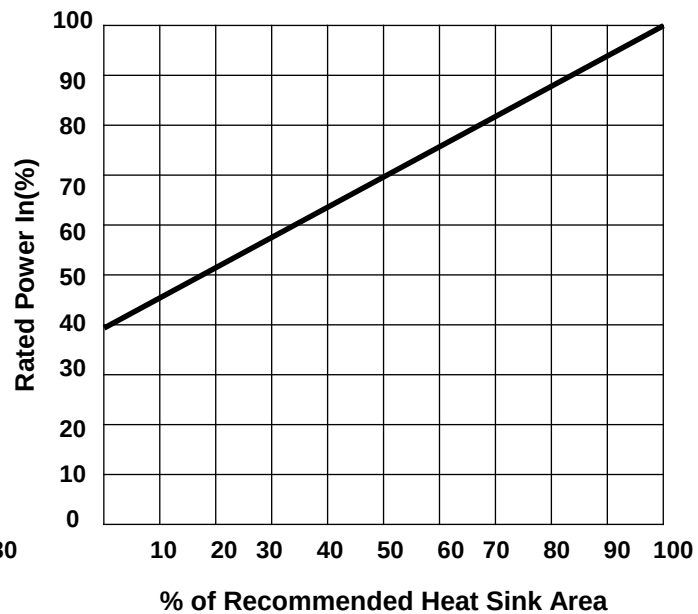
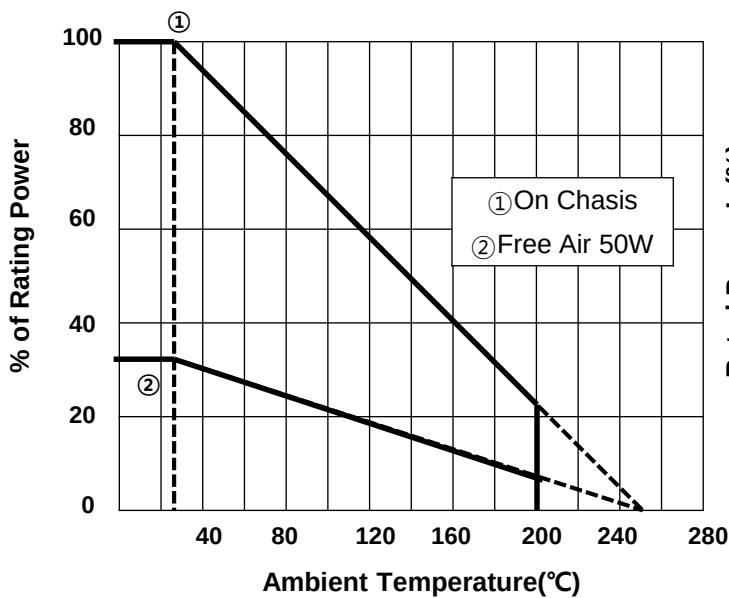
Power Rating		Resistance Range	Resistance Tolerance(%)	Weight
With Heat sink	In Free Air			
50W	10W	10KΩ ~ 50KΩ	F(± 1) G(± 2) J(± 5)	25g

Heat sink Required : 305x305x2T thick Aluminum Panel

□ DIMENSIONS



▣ POWER DERATING CURVE



■ HOW TO ORDER

RHW	50W	29K Ω	J
TYPE	POWER RATING	RESISTANCE	TOLERANCE $\pm 1\%$ $\pm 2\%$ $\pm 5\%$

www.resistors.co.kr

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