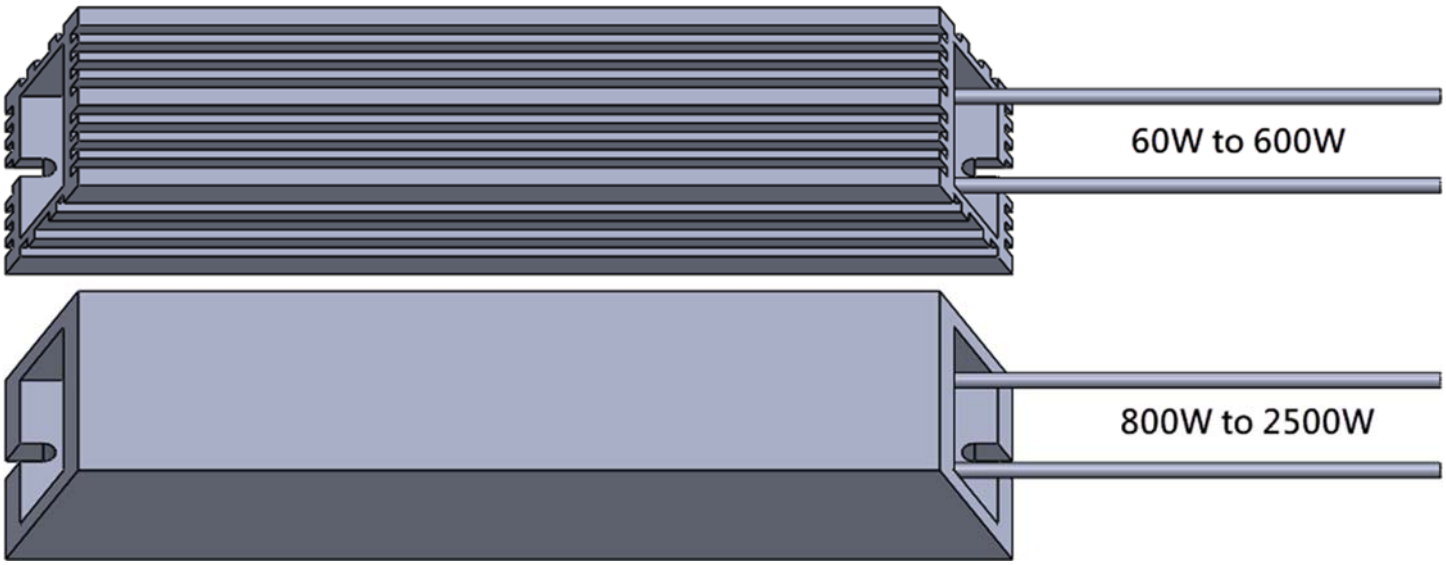
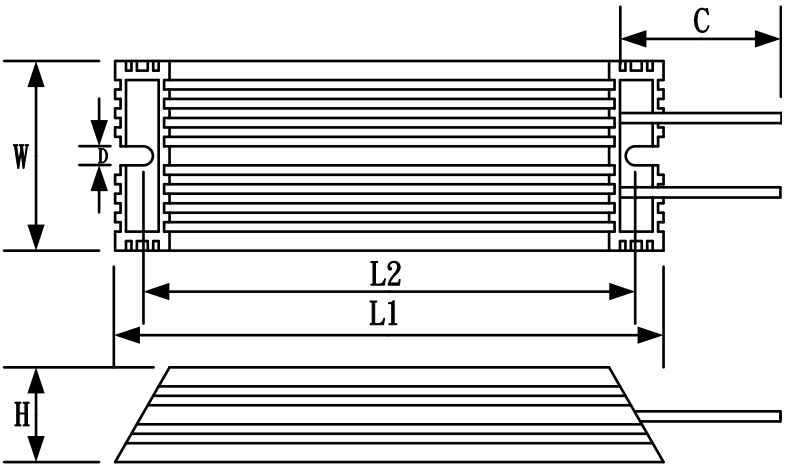


Dimension

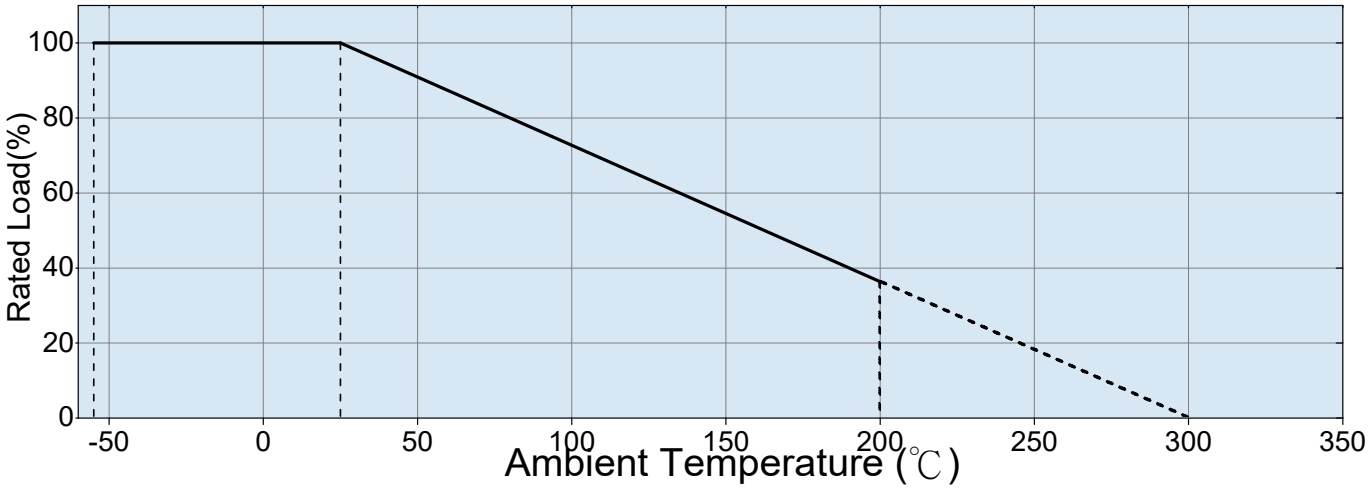
電力(W)	Dimensions(mm)					
	L1±2	L2±2	W±0.5	H±0.5	D±0.5	C
60W	115	100	40	20	5.3	150
80W	140	125	40	20	5.3	150
100W	165	150	40	20	5.3	150
120W	190	175	40	20	5.3	300
150W	215	200	40	20	5.3	300
200W	165	150	60	30	5.3	300
300W	215	200	60	30	5.3	300
400W	265	250	60	30	5.3	300
500W	335	320	60	30	5.3	300
600W	385	370	60	30	5.3	300
800W	375	360	100	50	5.3	300
1000W	400	385	100	50	5.3	300
1200W	450	435	100	50	5.3	300
1500W	550	535	100	50	5.3	300
1800W	570	555	100	50	5.3	300
2000W	600	585	100	50	5.3	300
2500W	700	685	100	50	5.3	300



● ENVIRONMENTAL CHARACTERISTICS

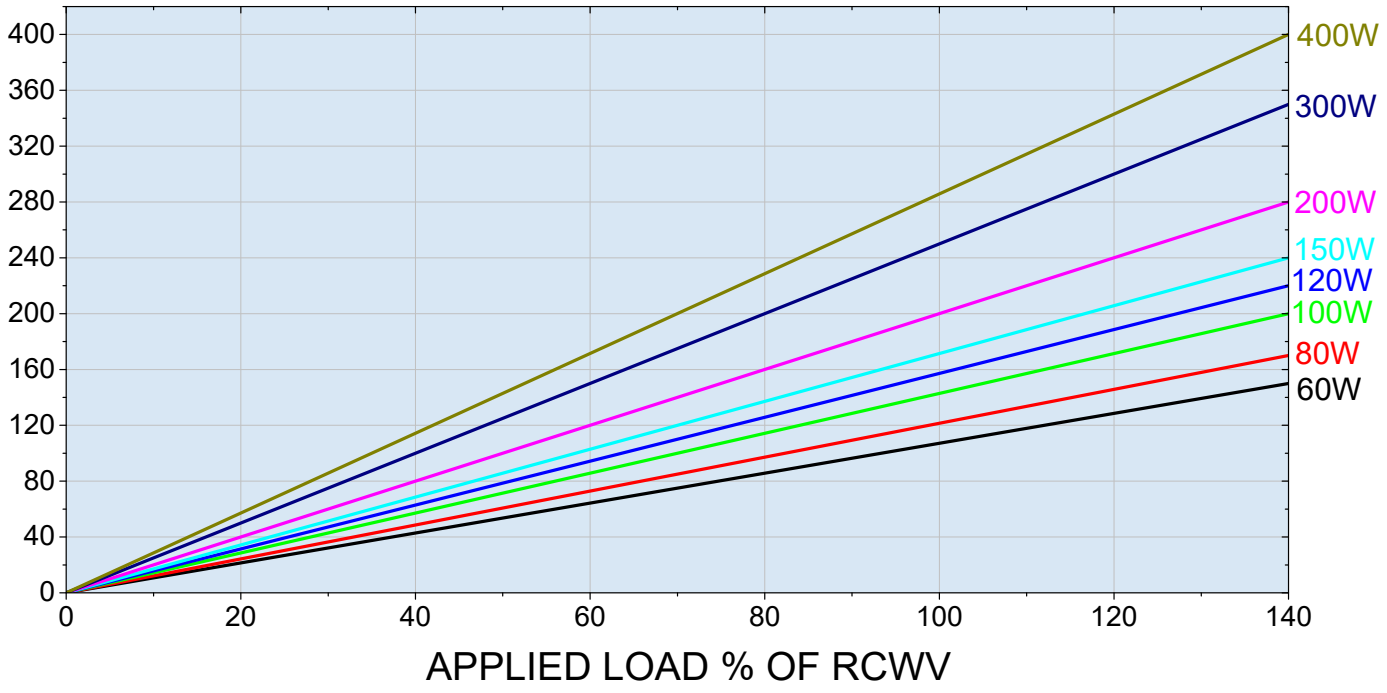
Test Item	Test Methods	Characteristics
Resistance tolerance	JIS-C-5202 5-1	Resistance: 1≤R — Nominal: 1>R — Tolerance: ±5%(J) ±10%(K)
Temperature coefficient	JIS-C-5202 5-2	±400PPM/°C MAX
Power rating load	JIS-C-5202 5-4	ΔR/R≤ ±(0.5%+0.1Ω) Surface temperature up 350°C MAX
Short-term overload	JIS-C-5202 5-5 1000% rated power 5 seconds	Free of appearance or structural irregularity ΔR/R≤ ±(2%+0.1Ω)
Insulation resistance	JIS-C-5202 5-6 1000VDC	100MΩ min
Dielectric withstanding voltage	JIS-C-5202 5-7 2000VAC 1 minute	Free of appearance or structural irregularity ΔR/R≤ ±(0.1%+0.05Ω)
Terminal strength	JIS-C-5202 6-1 8kg 30 seconds	Free of appearance or structural irregularity
Resistor strength	JIS-C-5202 6-2 30kg 30 seconds	Free of appearance or structural irregularity
Vibration	JIS-C-5202 6-3 1.5m/m 10 ~ 50 ~ 10 Hz/min X-Y-Z 2 hours each	Free of appearance or structural irregularity Surface coating crack ΔR/R≤ ±(1%+0.05Ω)
Thermal shock	JIS-C-5202 7-3 Room temp 30 minutes ON-55°C 15 minutes OFF	Resistor free of structural irregularity ΔR/R≤±(2%+0.1Ω)
Humidity	JIS-C-5202 7-5 40°C 90%RH 240 hours	Free of appearance or structural irregularity Surface coating crack ΔR/R≤±(3%+0.1Ω)
Load life	JIS-C-5202 7-10 90 minutes ON - 30 minutes OFF, 500 hours	Free of appearance or structural irregularity Surface coating crack ΔR/R≤ ±(3%+0.1Ω)
Flame retardation	JIS-C-5202 7-13-3-2 100% - 600% rated power load	US UL-94 flame retardation test V-0 grade noncombustible
REMARKS	1. Resistance and resistance tolerance were tested in-house with micro resistance meter. 2. Resistor coating refers to UL-certified data provided by supplier	

●POWER GRAPH



●HOT-SPOT TEMPERATURE

Chassis Mounted 900cm^2 Thickness 3mm



● PART NUMBER:

MHR	60W	100K	J	BU
↓	↓	↓	↓	↓

Type
Aluminum Housed

Power rating
60W
80W
100W
…..
2500W

Resistance	
1R	1Ω
10R	10Ω
100R	100Ω

Tolerance	
G	± 2%
J	± 5%

Remark	
BU	Bulk