

IRHS series (100W ~250W)

Metal Clad Wire Wound Resistors for Automobile



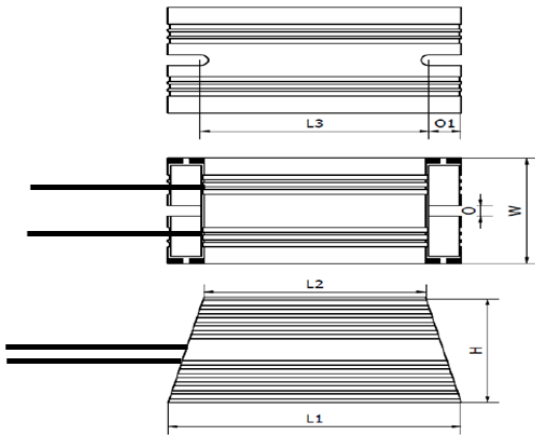
**Automotive Grade
AEC-Q200**

- Small Size Perfect Capacity
- Excellent Stability
- Impact Resistance
- Good Heat Dissipation
- Easy Installation
- Custom Leads Available
- Power Ratings from 100W to 250 Watts
- Tolerances of 1%, 5%, or 10%
- Compact Packaging

■ SPECIFICATIONS

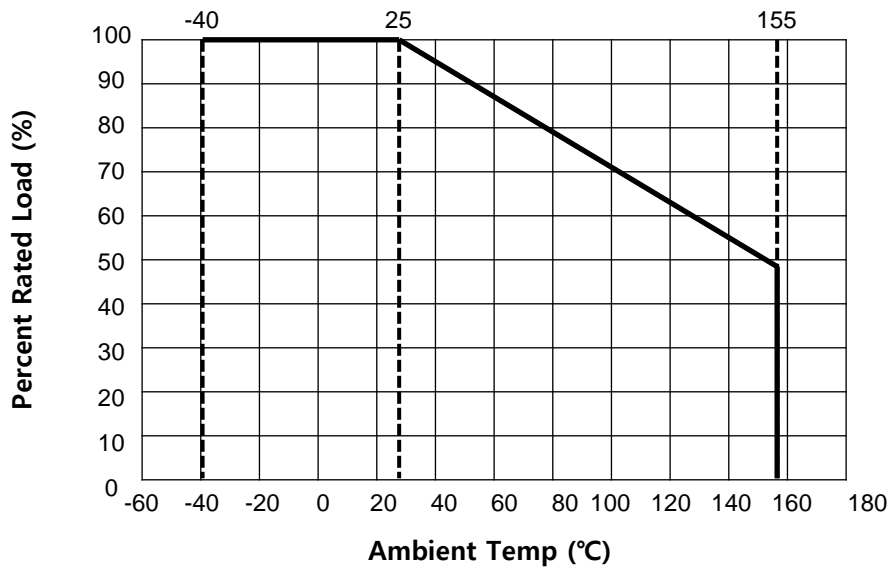
ITEM	SPECIFICATION	
Temperature Range		- 55 ~ 155 °C
Power Rating		100W~250W
Resistance Range		5Ω ~ 200Ω
TCR		Max ± 220ppm/°C
Operating Voltage		≥1,000V
Insulation Resistance		1MΩ
Dielectric Strength		2,500VAC
Maximum Current		15A
Short Time Overload	±(2%+0.05Ω)	10 x for 5sec
Mechanical Vibration	±(1%+0.05Ω)	100G ,6ms Half Sine, 3Time /Axis, Total 6Axis
Short Duration	±(2%+0.05Ω)	200ms. @ 15A
Shot Circuit	±(2%+0.05Ω)	Pulse Duration : 200ms . Cycle Time : 2sec
		1 Time : 5Cycles . Total : 5 Times
Load Life	±(3%+0.05Ω)	200,000 cycles
Terminations		Wire length 200±10mm . High Voltage Cable

■ DIMENSIONS



TYPE	DIMENSIONS(mm)							Weight(g)
	L1±1	L2±1	L3±1	W±0.3	H±0.3	O±0.2	O1±0.5	
100W	82	62	64	44	44	4.3	9	260
120W	91	71	73	44	44	4.3	9	290
150W	102	82	84	44	44	4.3	9	350
200W	123	103	105	44	44	4.3	9	420
250W	145	125	127	44	44	4.3	9	460

■ POWER DERATING CURVE



■ HOW TO ORDER

IRHS	100W	100Ω	J
TYPE	POWER RATING	RESISTANCE	TOLERANCE ±1% ±5%

www.resistors.co.kr

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