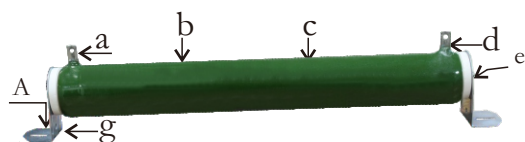


Features

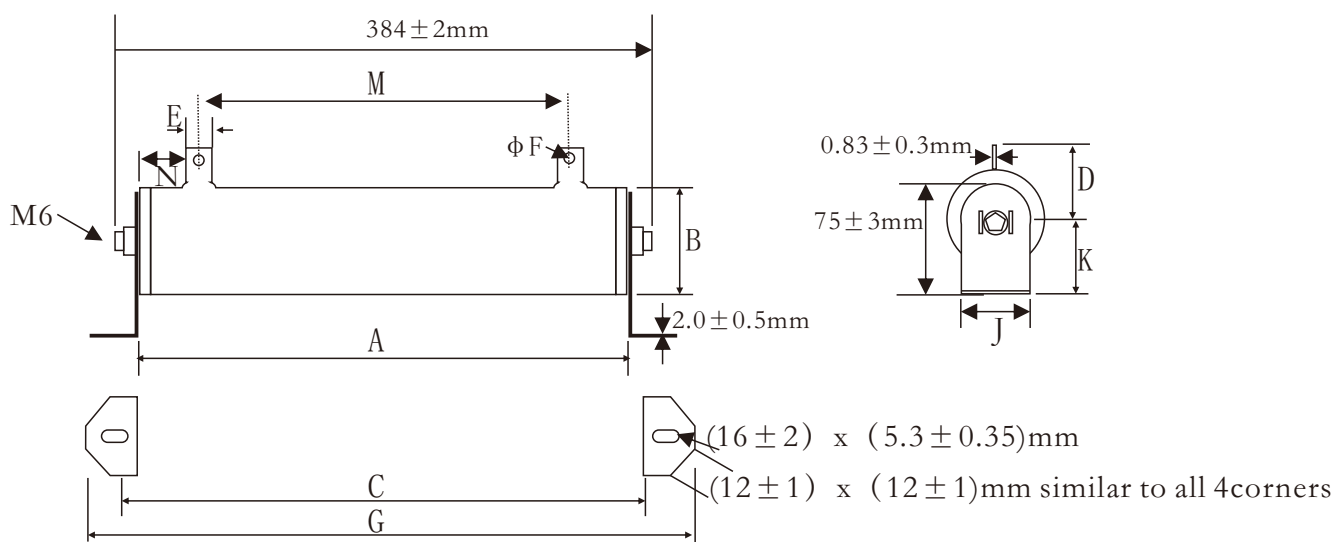
- I The nickel-chrome winding is completely protected by several coats of vitreous enamel, which have been fired to produce a high reliability resistor, capable of with standing adverse conditions
- II Good overload and heat durability capacity, can resist humidity and heat

Construction



a	Terminal block
b	Vitreous enamel
c	Alloy wire
d	Faston or screw fitting
e	Nickel iron plating support

Dimensions



Note: Mich or ceramic washers are fitted at each end of the resistor

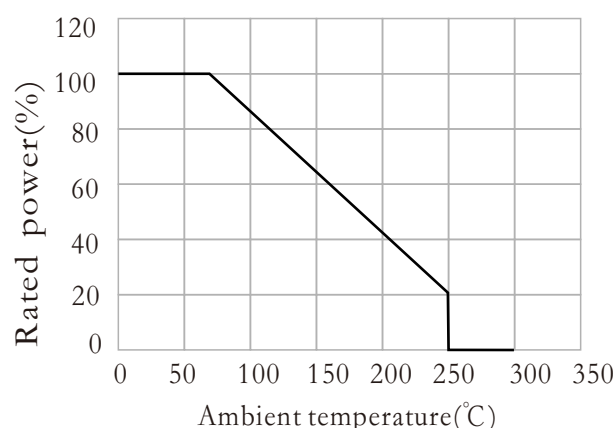
Type	Dimensions (mm)										
	A ± 3	C ± 5.5	G ± 3.5	B ± 4	M ± 4	D ± 2	K ± 2	N ± 2	J ± 2	φF ± 0.5	E ± 0.5
HWP750	322	365	387	54	240	42	50	36	44	6.22	9.82

Application note

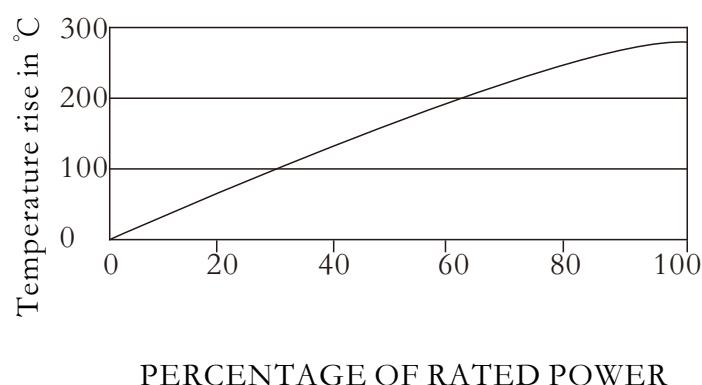
- I wire wound resistor for Continuous application
- II mounting slot size
- III The enamel does occasionally crack around the terminal band, this does not affect performance, and is only an aesthetic issue. we will not accept rejections on this issue

● Referebce Standarcls.latest IEC Standards for Resistors

● Derating Curve



● Temperature Rise Curve



● Performance

Electrical Characteristics	
Resistor Value-Nominal at room temperature(20℃)	6K8 、 22K
Tolerance	J= ± 5% K= ± 10%
Nominal Voltage limit across Resistor	≤ 3.3KV
Power rating (Max. Power of Resistor)	750 W
Nominal dissipated power in the resistor	630W
Type of the Resistor	Enameled resistor
Rated Dielectric withstand voltage(terminal to mounting clamp)	10000V
Insulation Resistance	≥ 100MΩ
Clearance (terminal to mounting Clamp)	36mm
Creepage (terminal to mounting Clamp)	36mm
Short time (1sec) maximum dissipated power	4000W

Thermal Characteristics and Environment	
TCR -Temperature Coefficient of resistance	50ppm/℃
Resistor surface temperature (℃) if 600W applied-measured on the resistor surface and in the center of the resistor. Excluding ambient temperature.	280℃
Maximum withstand temperature on surface of resistor (℃)Excluding ambient temperature	≤ 800℃
Rated ambient Temperature (° C) as given by customer. or estimated	None mentioned
Storage Temperature	-55℃ ± (0.2 % + 0.05 Ω) △R ± (2.0% + 0.05 Ω) - +70℃ ± 2.0%
Derating Characteristics-- Rated % of power (vs)Temperature rise above ambient for continuous rating	See below chart
Vibration Standards	IEC6 1373
Humidity	Tested for 500 cycles for minimum 1000 Hours at 40degrees C, 90-95% humidity

● Ordering Information

Example:

HWP750	K	22KR00	S
(1)	(2)	(3)	(4)
Series Name	Resistance Tolerance	Resistance	

(1)Type:HWP750 SERIES

(2)Tolerance: J= $\pm 5\%$ 、K= $\pm 10\%$

(3)Resistance Value:6K8R00=6K8 Ω 、22KR00=22K Ω

(4)S=Standard brackets N=No brackets