

## ●INTRODUCTION:

RW (KNP) type is to wind the resistance wire on a alkaliless ceramic basic, coated with non-corrosive and high insulating heat proof material.

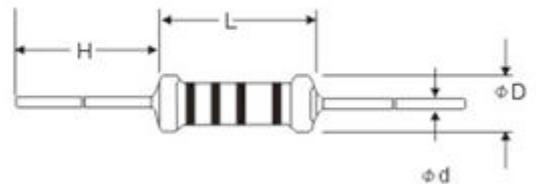
## ●FEATURES:

- . Super heat dissipation.
- . Small linear temperature coefficient.
- . Instant overload capability.
- . Low noise figure and without annual shift on resistance value.

RW (KNP)形式是把電阻線繞在無鹼陶瓷物質上,並用無腐蝕物質表被及高耐熱材料.

- 耐熱性優
- 電阻溫度係數小,呈直線變化
- 耐短時間超負載
- 低雜音,阻值經年無變化

## ●DIMENSIONS:



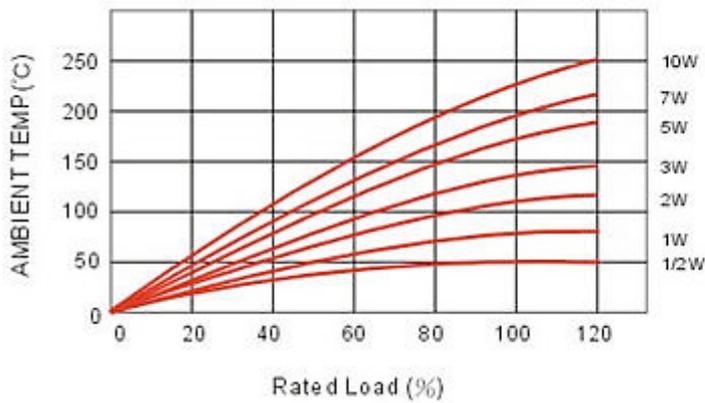
## ●GENERAL SPECIFICATIONS:

TYPE	POWER RATING	DIMENSION (mm)				RESISTANCE RANGE
		D±0.5mm	L±1.5mm	H( MIN)	d±0.05mm	
KNP-1/2W	1/2W	3.5	9	27	0.6	0.1Ω~300Ω
KNP-1W	1W	4	12	30	0.8	0.1Ω~499Ω
KNP-2W	2W	5.5	15.5	30	0.8	0.1Ω~1.5KΩ
KNP-3W	3W	6	17.5	30	0.8	0.1Ω~1.5KΩ
KNP-5W	5W	8.5	25	30	0.8	0.1Ω~1.5KΩ
KNP-7W	7W	8.5	30	38	0.8	0.1Ω~3KΩ

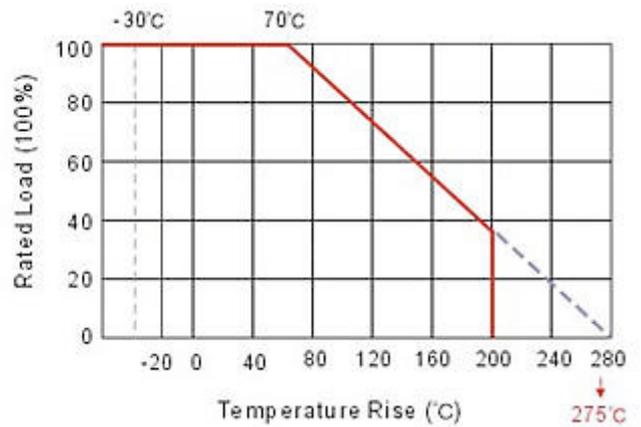
KNP-8W	8W	8.5	40	38	0.8	0.1Ω~3KΩ
KNP-10W	10W	8.5	53	38	0.8	0.1Ω~3KΩ

SMALL TYPE	POWER RATING	DIMENSION (mm)				RESISTANCE RANGE
		D±0.5mm	L±1.5mm	H( MIN)	d±0.05mm	
KNP-1WS	1WS	3.5	9	27	0.6	0.1Ω~300Ω
KNP-2WS	2WS	4	12	30	0.8	0.1Ω~499Ω
KNP-3WS	3WS	5.5	15.5	30	0.8	0.1Ω~1.5KΩ
KNP-5WS	5WS	6	17.5	30	0.8	0.1Ω~1.5KΩ
KNP-7WS	7WS	8.5	25	38	0.8	0.1Ω~1.5KΩ

**TEMP ERATURE RISE AT 25°C:**



**DERATING CURVE:**



Characteristics	Condition	Spec
Resistance Temp. Coeff	-30°C~200°C	±300 PPM/°C
Short Time Over Load	5 times of rated wattage for 5 sec.	±2%
Rate Load	Rate watt 30min.	±1%
Voltage Durability	500V AC 1 min.	not changed
Insulation Resistance	500V megger	500 MΩ
Temp. Cycle	-30°C~85°C for 5 cycles	±1%
Load Life	70°C on-off cycle 1,000 hrs.	±5%
Moisture-Proof Load Life	40°C 95% RH on-off cycle 500 hrs.	±3%
Incombustibility	6 times of rated wattage for 5 min.	not flamed

