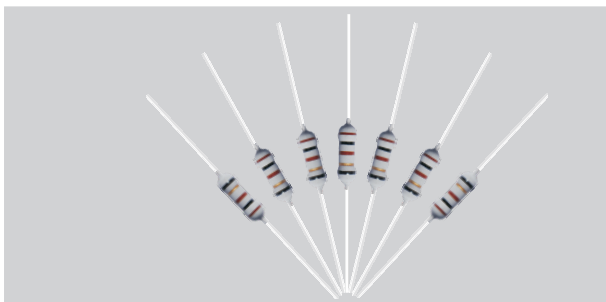


## KNP Wire Wound Resistor

Catalogue

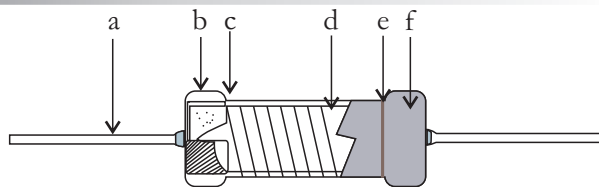
- Feature
- Constructions
- Dimensions, Applications And Ratings
- Reference Standards
- Ordering Information
- Derating Curve
- Surface Temperature Rise
- Performance



## Features

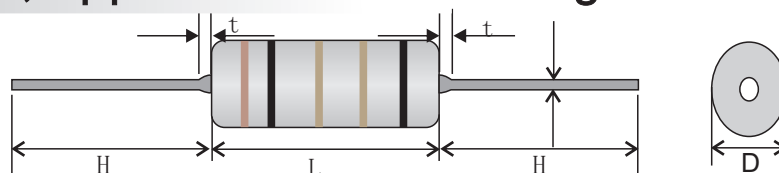
- I Flameproof and insulating coating designed to assure safe using by special non-flammable silicon-base. (Eqyuvakebt to UL94V-0)
- II Good heat-durability, low temperature coefficient, low noise, high overload power
- III High stability, long life
- IV Products meet Eu-RoHS.

## Construction



a	Lead wire
b	Cap
c	Ceramic base
d	Wire wound
e	Marking or color code
f	Insulation coat

## Dimensions, Applications And Ratings



Type	Power		Resistance Range(Ω)	Dimensions(mm)					Max working Voltage	Dielectric with standing	T.C.R
	Standard	Small volume		L±1	t max	D±0.5	H±3	d±0.05			
KNP14	1/4W	1/2WS	0.05~1KΩ	6.5	1.5	2.50	28.0	0.60	$\sqrt{PR}$	300V	≥10Ω ±30PPM/°C
KNP12	1/2W	1WS	0.05~2KΩ	9.0	2.0	3.50	28.0	0.60	$\sqrt{PR}$	350V	
KNP01	1W	2WS	0.05~3KΩ	11.0	2.5	4.00	28.0	0.70	$\sqrt{PR}$	500V	
KNP02	2W	3WS	0.05~5KΩ	16.0	2.5	5.0	33.0	0.70	$\sqrt{PR}$	500V	
KNP03	3W	4WS	0.05~5KΩ	18.0	2.5	6.0	33.0	0.70	$\sqrt{PR}$	700V	
KNP04	4W	5WS	0.05~10KΩ	18.0	2.5	6.0	33.0	0.70	$\sqrt{PR}$	700V	
KNP05	5W	6WS	0.05~15KΩ	19.0	2.5	7.0	33.0	0.75	$\sqrt{PR}$	700V	
KNP06	6W	7WS	0.05~33KΩ	22.0	2.5	7.50	33.0	0.75	$\sqrt{PR}$	700V	
KNP07	7W	8WS	0.05~33KΩ	25.0	2.5	8.0	33.0	0.75	$\sqrt{PR}$	700V	
KNP08	8W	9WS	0.05~33KΩ	32.0	2.5	8.0	33.0	0.75	$\sqrt{PR}$	700V	
KNP09	9W	10WS	0.05~33KΩ	36.0	2.5	8.5	33.0	0.75	$\sqrt{PR}$	700V	0.1~0.99Ω 100PPM/°C
KNP10	10W	12WS	0.05~33KΩ	36.0	2.5	8.5	33.0	0.75	$\sqrt{PR}$	700V	
KNP12	12W	15WS	0.1~33KΩ	42.0	2.5	9.0	33.0	0.80	$\sqrt{PR}$	700V	0.05~0.099Ω 300PPM/°C
KNP15	15W	18WS	0.1~33KΩ	52.0	3.0	9.0	33.0	0.80	$\sqrt{PR}$	700V	
KNP18	18W	20WS	0.1~33KΩ	62.0	3.0	9.0	33.0	0.80	$\sqrt{PR}$	700V	0.01~0.049Ω 600PPM/°C
KNP20	20W	25WS	0.1~33KΩ	66.0	3.0	9.0	33.0	0.80	$\sqrt{PR}$	700V	
KNP25	25W	30WS	0.1~50KΩ	76.0	3.0	9.0	33.0	0.80	$\sqrt{PR}$	700V	
KNP30	30W	35WS	0.1~100KΩ	95.0	3.0	12.0	33.0	1.0	$\sqrt{PR}$	700V	
KNP35	35W	40WS	0.1~100KΩ	95.0	3.0	12.0	33.0	1.0	$\sqrt{PR}$	700V	
KNP40	40W	45WS	0.1~100KΩ	112.0	3.0	12.0	33.0	1.0	$\sqrt{PR}$	700V	

## Reference Standards

JISC 5201-1

