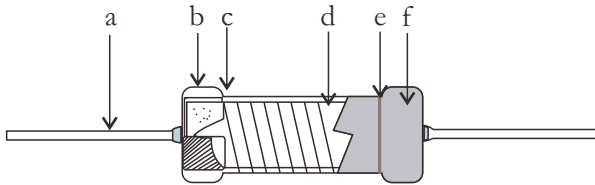


● Features

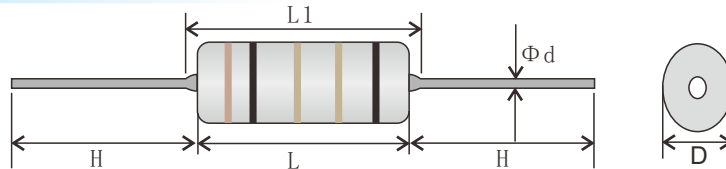
- I Flameproof and insulating coating designed to assure safe using by special non-flammable silicon-base. (Eqyuvakebt to UL94V-0)
- II Good heat-durability, low temperature coefficient, low noise, high overload power
- III High stability, long life
- IV Products meet Eu-RoHS.

● 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	L1max	D±0.5	H±3	d±0.05			
KNP14	1/4W	1/2WS	0.05~1KΩ	6.5	7.0	2.50	28.0	0.60	\sqrt{PR}	300V	≥10Ω ±30PPM/°C
KNP12	1/2W	1WS	0.05~2KΩ	9.0	10.0	3.50	28.0	0.60	\sqrt{PR}	350V	
KNP01	1W	2WS	0.05~3KΩ	11.0	13.0	4.00	28.0	0.70	\sqrt{PR}	500V	
KNP02	2W	3WS	0.05~5KΩ	15.0	17.0	5.0	33.0	0.70	\sqrt{PR}	500V	
KNP03	3W	4WS	0.05~5KΩ	18.0	19.0	6.0	33.0	0.70	\sqrt{PR}	700V	
KNP04	4W	5WS	0.05~10KΩ	18.0	19.0	6.0	33.0	0.70	\sqrt{PR}	700V	
KNP05	5W	6WS	0.05~15KΩ	19.0	20.0	7.0	33.0	0.75	\sqrt{PR}	700V	
KNP06	6W	7WS	0.05~15KΩ	22.0	24.0	7.50	33.0	0.75	\sqrt{PR}	700V	
KNP07	7W	8WS	0.05~15KΩ	25.0	26.0	8.0	33.0	0.75	\sqrt{PR}	700V	
KNP08	8W	9WS	0.05~15KΩ	32.0	33.0	8.0	33.0	0.75	\sqrt{PR}	700V	
KNP09	9W	10WS	0.05~15KΩ	36.0	39.0	8.5	33.0	0.75	\sqrt{PR}	700V	
KNP10	10W	12WS	0.05~15KΩ	36.0	38.0	8.5	33.0	0.75	\sqrt{PR}	700V	
KNP12	12W	15WS	0.1~15KΩ	42.0	43.0	9.0	33.0	0.80	\sqrt{PR}	700V	0.1~0.99Ω 100PPM/°C
KNP15	15W	18WS	0.1~20KΩ	52.0	54.0	9.0	33.0	0.80	\sqrt{PR}	700V	
KNP18	18W	20WS	0.1~30KΩ	62.0	64.0	9.0	33.0	0.80	\sqrt{PR}	700V	
KNP20	20W	25WS	0.1~30KΩ	66.0	68.0	9.0	33.0	0.80	\sqrt{PR}	700V	
KNP25	25W	30WS	0.1~50KΩ	76.0	78.0	9.0	33.0	0.80	\sqrt{PR}	700V	
KNP30	30W	35WS	0.1~100KΩ	95.0	98.0	12.0	33.0	1.0	\sqrt{PR}	700V	
KNP35	35W	40WS	0.1~100KΩ	95.0	98.0	12.0	33.0	1.0	\sqrt{PR}	700V	
KNP40	40W	45WS	0.1~100KΩ	112.0	114.0	12.0	33.0	1.0	\sqrt{PR}	700V	

● Reference Standards

JISC 5201-1

