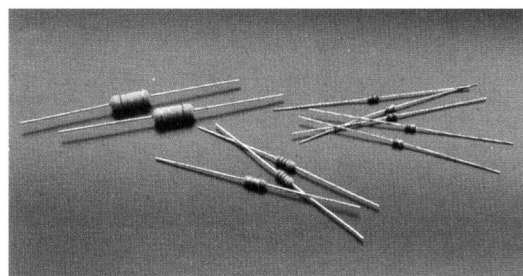
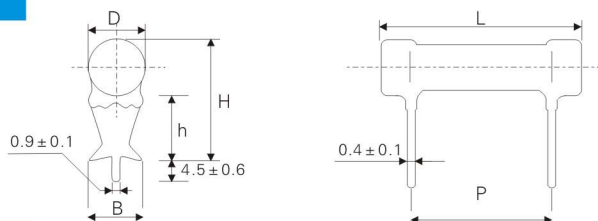


Wire-wound (W) Series 繞綫電阻器

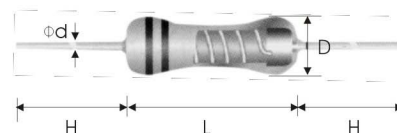
KNS Type



KNS Type

Power (70°C)	Dimension(mm)						Resistance Range
	D Max.	L ± 1.5	P ± 1	H ± 1	h ± 1	B ± 0.5	
2W	8	19	8	19	12	4.5	0.1Ω~50Ω
3W	8	21	10	19	13	4.5	0.5Ω~50Ω
5W	10	26	15	21.5	13	6.5	0.5Ω~100Ω
7W	10	31	20	21.5	13	6.5	1Ω~1KΩ
8W	10	41	30	21.5	13	6.5	1Ω~1.5KΩ
10W	10	54	43	21.5	13	6.5	1Ω~2KΩ

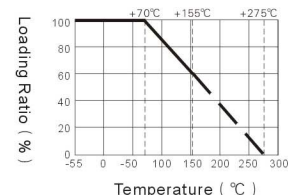
KNP Type



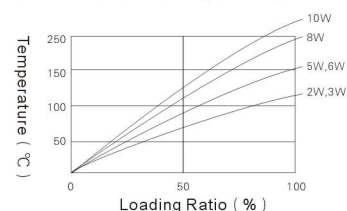
KNP Type

Power (70℃)	Dimension(mm)				Resistance Range
	D ± 1	L Max.	d ^{+0.02} _{-0.05}	H ± 3	
Standard Dimension					
1/2W	4	10	0.7	28	0.1Ω~39Ω
1W	5	12	0.7	28	0.1Ω~50Ω
2W	5.5	16	0.8	28	0.1Ω~120Ω
3W	6.5	17.5	0.8	28	0.1Ω~200Ω
5W	8.5	26	0.8	38	0.5Ω~470Ω
7W	8.5	32	0.8	38	0.5Ω~470Ω
8W	8.5	41	0.8	38	1Ω~1.5KΩ
9W	8.5	54	0.8	38	1Ω~1.5KΩ
Small Dimension					
1W	4	10	0.7	28	0.1Ω~39Ω
2W	5	12	0.7	28	0.1Ω~50Ω
3W	5.5	16	0.8	28	0.1Ω~120Ω
5W	6.5	17.5	0.8	28	0.1Ω~200Ω
7W	8.5	26	0.8	38	0.5Ω~470Ω
8W	8.5	32	0.8	38	0.5Ω~470Ω
9W	8.5	41	0.8	38	1Ω~1.5KΩ
10W	8.5	54	0.8	38	1Ω~1.5KΩ

Power Curve



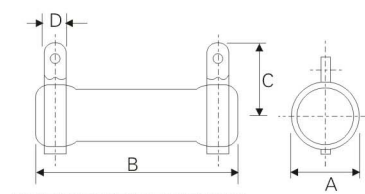
Surface Raising Temperature



KNH Type

Power (70°C)	Dimension(mm)				Resistance Range
	D ± 1	L Max.	d ^{+0.02} _{-0.05}	H ± 3	
20W	19	50	19	5	0.4Ω~1KΩ
30W	19	75	19	5	0.5Ω~3KΩ
40W	19	90	19	5	0.6Ω~5KΩ
50W	31	75	31	8	3Ω~10KΩ
60W	31	90	31	8	3Ω~15KΩ
80W	31	115	31	8	3Ω~20KΩ
100W	31	140	31	8	3Ω~30KΩ

KNH Type



Characteristics

Temperature Coefficient	20Ω: ±300PPM/°C; <20Ω: ±400PPM/°C
Loading of Instantaneous	ΔR/R ≅ ±(2%+0.05Ω), No Failure
Strength of Lead	Pull and Bending > 1Kg, A 90° Bend at the Point of Egress, in One Direction, Return to Original Position and then A 90° Bend in Opposite Direction at the Rate of One Bend in 5 Seconds.
Resistance to Solder Heat	ΔR/R ≅ ±(1%+0.05Ω), No Failure
Solder Ability of Leads	>95%
Humidity Loading	ΔR/R ≅ ±(5%+0.05Ω), No Failure
Loading Life High Temp. Loading	ΔR/R ≅ ±(5%+0.05Ω), No Failure