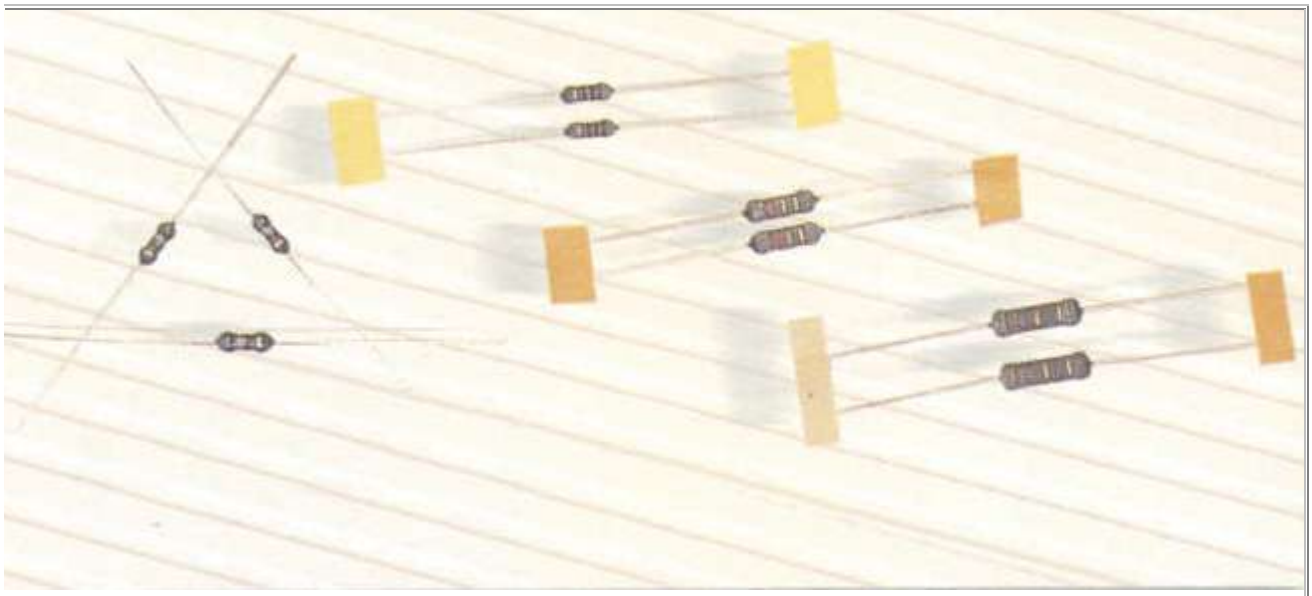
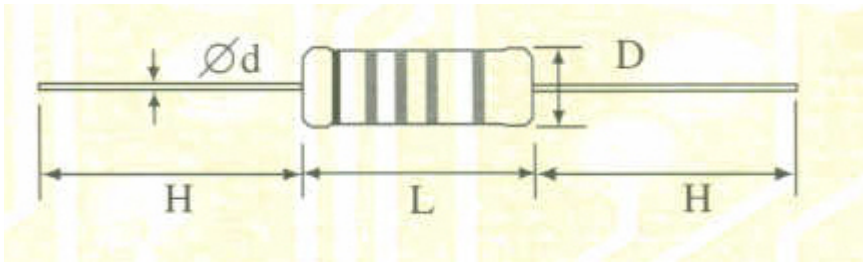
KN Wire-Wound Fixed Resistors





2.Features :

Excellent flame resistance ;

Green body color for Normal Size:

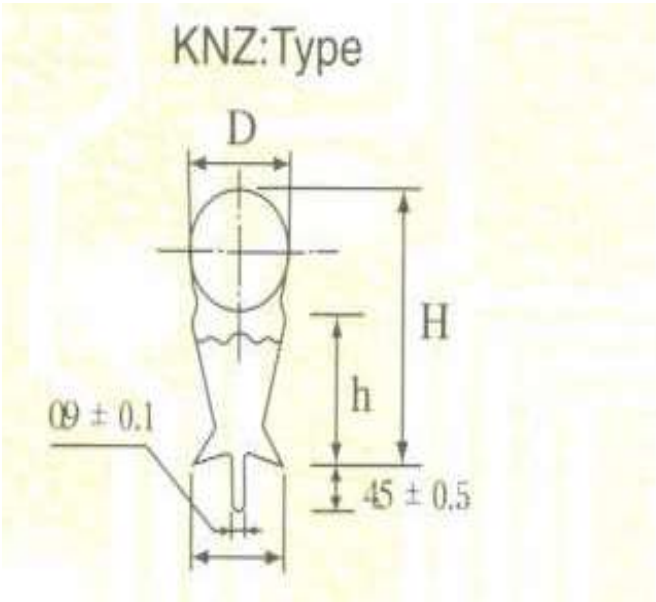
Pink body color for small size

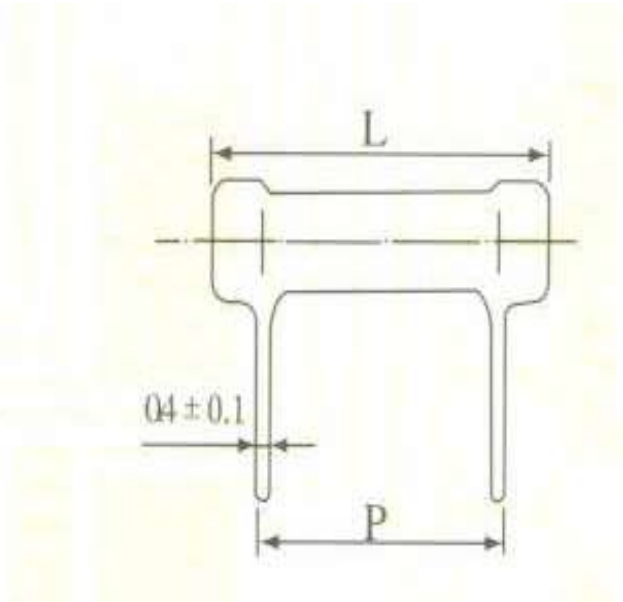
Too low or too high ohm value can be supplied on a case to case basis.

Non Inductive Resistors can be supplied on a case to case basis.

3.Explanation On Specifications

Style		Power rating at 70℃	Dimension				KNZ:Type
			D Max	L Max	+0.02 d -0.05	H ±3	Resistance Range
Normal Size							
KNP1/2W	KNP50	1/2W	4	10	0.7	28	**0.1Ω~39Ω**
KNP1W	KNP1W	1W	5	12	0.7	28	**0.1Ω~50Ω**
KNP2W	KNP2W	2W	5.5	16	0.8	28	**0.1Ω~120Ω**
KNP3W	KNP3W	3W	6.5	17.5	0.8	28	**0.1Ω~200Ω**
KNP5W	KNP5W	5W	8.5	26	0.8	28	**0.5Ω~470Ω**
KNP7W	KNP7W	7W	8.5	32	0.8	28	**0.5Ω~470Ω**
KNP8W	KNP8W	8W	8.5	41	0.8	28	**1Ω~1.5KΩ**
KNP9W	KNP9W	9W	8.5	54	0.8	28	**1Ω~1.5KΩ**
Small Size							
KNP1W	KNP1W	1W	4	10	0.7	28	**0.1Ω~39Ω**
KNP2W	KNP2W	2W	5	12	0.7	28	**0.1Ω~50Ω**
KNP3W	KNP3W	3W	5.5	16	0.8	28	**0.1Ω~120Ω**
KNP5W	KNP5W	5W	6.5	17.5	0.8	28	**0.1Ω~200Ω**
KNP7W	KNP7W	7W	8.5	26	0.8	28	**0.5Ω~470Ω**
KNP8W	KNP8W	8W	8.5	32	0.8	28	**0.5Ω~470Ω**
KNP9W	KNP9W	9W	8.5	41	0.8	28	**1Ω~1.5KΩ**
KNP10WS	KNP10WS	10W	8.5	54	**0.8**	28	**1Ω~1.5KΩ**


KNZ:Type
D
H
h
09 ± 0.1
45 ± 0.5


L
04 ± 0.1
P

Style		Power rating at 70℃	(mm)Dimension(mm)						Resistance range
			D Max	L±1.5	P±0.5	H±1	h±0.5	B±0.5	
KNZ2W	KNZ2W	2W	8	19	**8**	19	12	4.5	**0.1Ω~50Ω**
KNZ3W	KNZ3W	3W	**8**	**21**	**10**	19	13	4.5	**0.5Ω~50Ω**
KNZ5W	KNZ5W	5W	10	26	**15**	21.5	13	**6**	**0.5~100Ω**
KNZ7W	KNZ7W	**7W**	**10**	**31**	**20**	21.5	13	**6**	**1Ω~1kΩ**
KNZ8W	KNZ8W	**8W**	10	41	**30**	21.5	13	**6**	**1Ω~1.5kΩ**
KNZ10W	KNZ10W	**10W**	10	54	**43**	21.5	13	**6**	**1Ω~2kΩ**

4.Explanation On Part Numbers

KN	P	1W [S]	H	100	J
Wire Wound Resistor	Type P-P Type	Series 1W-1W 2W-2W 3W-3W : 10W-10W [S]-miniature size	Forming Type T5-T52 H-H Type F-F Type F7-T73	Nominal Resistance 10Ω	Resistance Tolerance J- ±5% G- ±2% F- ±1%

5.Performance Specifications:

Temperature coefficient ≧20Ω: ±300PPM/℃; <20Ω: 400PPM/℃
Short-time overload △R/R ≦ ±(0.5%+0.05Ω),with no evidence of mechanical damage
Terminal strength No evidence of mechanical damage
Resistance to soldering heat △R/R ≦ ±(1%+0.05Ω),with no evidence of mechanical damage
Solderability Min.95% coverage.
Load life in humidity △R/R ≦ ±(1%+0.05Ω),with no evidence of mechanical damage
Load life △R/R ≦ ±(1%+0.05Ω),with no evidence of mechanical damage