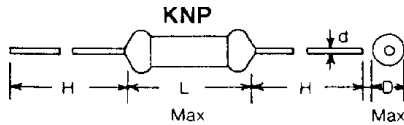


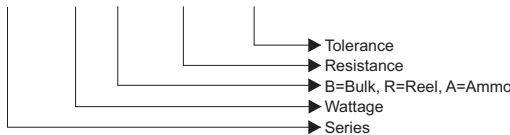
FEATURES

- Excellent heat dissipation, small linear temp. coeff.
- Instant overload capability
- Nonflame, light weight UL94V-0
- Non-inductively wound (NKNP) type available
- KNP type is available on tape through 5WS size



PART NUMBER EXAMPLE

KNP 1W R - 10R - J



TOLERANCE

±%	0.1	0.25	0.5	1.0	2.0	5.0	10	20
Code	B	C	D	F	G	J	K	M

ELECTRICAL CHARACTERISTICS

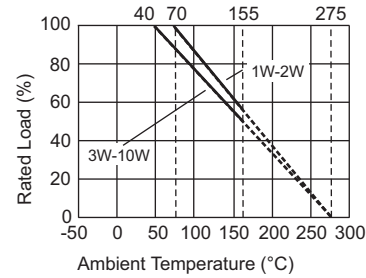
Test Items	Condition	Specification
Res. Temp Coeff.	JIS.C.5202.5.2	<20i±400PPM >20i±260PPM
Short Time Overload	10X rated wattage for 5 seconds	±2%
Rated Load	Rated wattage for 30min.	±1%
Insulation Resistance	500V megger	1,000M \bar{i} min
Temp. Cycle	-30°C ~ 85°C 5 cycles	±1%
Load Life	70°C on-off cycle 1,000 hrs	±5%
Moister-Proof Load Life	40°C 95% RH on-off cycle 1K hrs	±3%

DIMENSION (mm) & RESISTANCE RANGE

Part Number	Dimension (mm)				Resistance Range (\bar{i})	Dielectric Voltage(V)	Standard Tape	Standard Packing
	D±0.5	L±1.0	H±3	d±0.05				
KNP1WS	3.5	9	26	0.6	0.1 ~ 47	300	T52	2500
KNP1W	4.5	11.5	35	0.8	0.1 ~ 100	500	T73	2000
KNP2WS	4.5	11.5	35	0.8	0.1 ~ 100	500	T73	2000
KNP2W	5	12	33	0.8	0.1 ~ 330	500	T73	1000
KNP3WM	4.5	11	33	0.7	0.1 ~ 150	500	T73	1000
KNP3WS	5	15.5	33	0.8	0.1 ~ 330	500	T73	1000
KNP3W	6	17.5	32	0.8	0.1 ~ 560	500	T73	1000
KNP5WS	6	17.5	32	0.8	0.1 ~ 560	500	T73	1000
KNP5W	8	25	38	0.8	0.1 ~ 1K	1000	T73	1000
KNP7W	8	25	38	0.8	0.1 ~ 1K	1000	Bulk	500
KNP8W	8	30	38	0.8	0.1 ~ 1.5K	1000	Bulk	500
KNP10W	8	53	38	0.8	1 ~ 2K	1000	Bulk	500

*Special tape to tape size by request

DERATING CURVE



TEMPERATURE RISE

