

Wire Wound Resistors

Series KNP NKN

TYPE FLAME-PROOF COATING TYPE

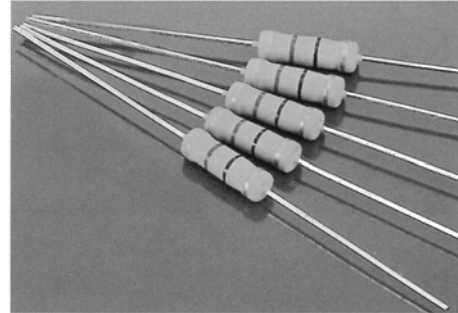
KNP (STANDARD TYPE)

NKN (NON-INDUCTIVE TYPE)

FPOM 1/2W TO 10W

INTRODUCTION

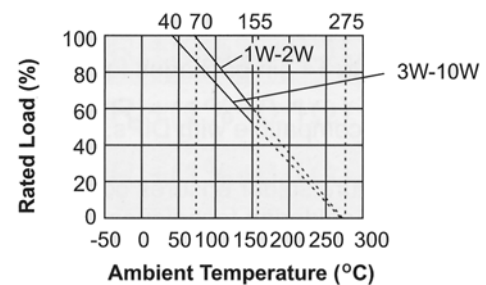
1. The resistor is fabricated using a suitable fiberglass or ceramic core with the resistance wire securely crimped to the terminals.
2. Small in size comparatively than other kind resistor.
3. Electrical and mechanical stability and high reliability.
4. Tolerance of 5%, 10% are standard.



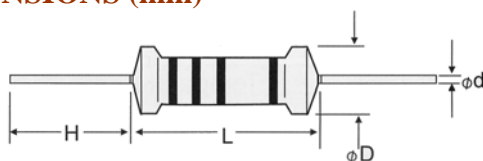
PERFORMANCE

Temperature Coefficient	$\pm 300 \text{ ppm} / ^\circ\text{C}$
Insulation Resistance	$> 100 \text{ M}\Omega$
Load Life (1,000 hours)	$\pm 5\% + 0.05\Omega$
Short-time Overload	$\pm 2\% + 0.05\Omega$
Dielectric Withstanding Volt	$\pm 2\% + 0.05\Omega$
Moisture Resistance	$\pm 5\% + 0.05\Omega$
Shock and Vibration	$\pm 1\% + 0.05\Omega$
Effect of Soldering	$\pm 2\% + 0.05\Omega$

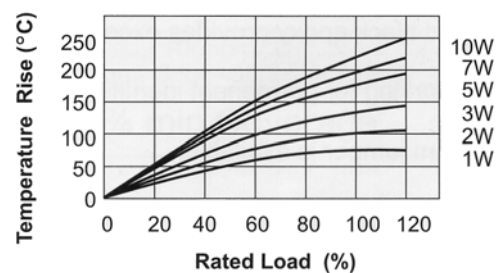
DERATING CURVE



DIMENSIONS (mm)



TEMPERATURE RISE



DIMENSION & SPECIFICATIONS

TYPE	RATED WATTS	DIMENSION (mm)				RESISTANCE RANGE (OHM)
		D ± 0.5	L ± 1	H ± 3	d ± 0.05	
KNP-1/2W	1/2W	3.5	9	26	0.6	0.1-60
KNP-1W (S)	1W	3.5	9	26	0.6	0.1-100
KNP-1W	1W	4.5	11.5	35	0.8	0.1-100
KNP-2W	2W	5.0	15.5	35	0.8	0.1-100
KNP-3W	3W	6.0	17	32	0.8	0.1-150
KNP-4W	4W	6.0	17	32	0.8	0.1-200
KNP-5W	5W	8.0	24.5	38	0.8	0.1-300
KNP-6W	6W	8.0	24.5	38	0.8	0.1-1K
KNP-7W	7W	8.0	24.5	38	0.8	0.1-1K
KNP-8W	8W	8.0	39	38	0.8	0.1-1K
KNP-10W	10W	8.0	52	38	0.8	0.1-1K

NOTE 1. KNP-1W(s)=KNP1W with small size.

2. Different resistance value, different price.

3. Non-Inductive type up to 50 Ω only.