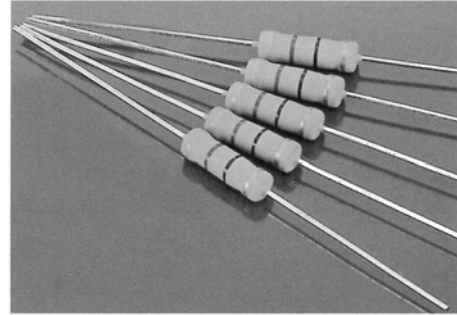


Wire Wound Resistors

Series KNP NKN

TYPE FLAME-PROOF COATING TYPE

KNP (STANDARD TYPE)
 NKN (NON-INDUCTIVE TYPE)
 FPOM 1/2W TO 10W



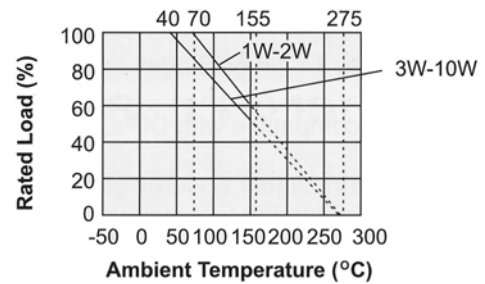
INTRODUCTION

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.

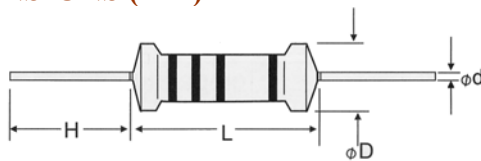
PERFORMANCE

Temperature Coefficient	±300 ppm / °C
Insulation Resistance	>100 MΩ
Load Life (1,000 hours)	±5% + 0.05Ω
Short-time Overload	±2% + 0.05Ω
Dielectric Withstanding Volt	±2% + 0.05Ω
Moisture Resistance	±5% + 0.05Ω
Shock and Vibration	±1% + 0.05Ω
Effect of Soldering	±2% + 0.05Ω

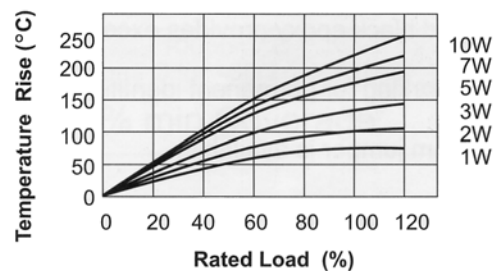
DERATING CURVE



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 50Ω only.