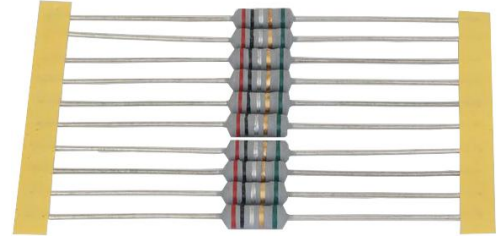
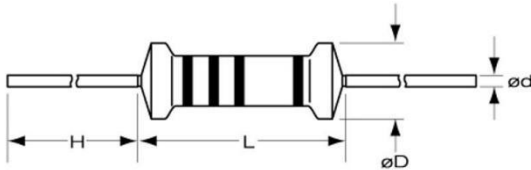


FEATURES

- Wire wound resistors are made by winding the resistance wire non-corrosive, heat-proof and humidity-proof material.
- Delivery from stock in bulk taped, and strip pack.
- Exceptional long-term stability
- Standard tolerance: $\pm 1\%$, $\pm 2\%$, $\pm 5\%$



DRAWING and DIMENSIONS (mm)



Series	Power Rating (Watt)	Dimension(mm)			
		L	ØD	H	Ød
KNP-1/2W	KNS-1W	9.2 \pm 1.0	3.5 \pm 0.5	26 \pm 2.0	0.58 \pm 0.05
KNP-1W	KNS-2W	11.5 \pm 1.0	4.5 \pm 0.5	35 \pm 2.0	0.78 \pm 0.05
KNP-2W	KNS-3W	15.5 \pm 1.0	5.0 \pm 0.5	33 \pm 2.0	0.78 \pm 0.05
KNP-3W	KNS-4W	17.5 \pm 1.0	6.0 \pm 0.5	32 \pm 2.0	0.78 \pm 0.05
KNP-4W	KNS-5W	17.5 \pm 1.0	6.0 \pm 0.5	32 \pm 1.0	0.78 \pm 0.05
KNP-5W	KNS-7W	24.5 \pm 1.0	8.0 \pm 0.5	38 \pm 1.0	0.78 \pm 0.05
KNP-7W	KNS-10W	30.0 \pm 1.0	8.0 \pm 0.5	38 \pm 1.0	0.78 \pm 0.05
KNP-8W		40.0 \pm 1.0	8.0 \pm 0.5	38 \pm 1.0	0.78 \pm 0.05
KNP-10W		53.0 \pm 1.0	8.0 \pm 0.5	38 \pm 1.0	0.78 \pm 0.05

SPECIFICATIONS

Power Rating 70°C	KNP-1/2W	KNP-1W	KNP-2W	KNP-3W	KNP-4W	KNP-5W	KNP-7W	KNP-8W	KNP-10W
Series Number	KNS-1W	KNS-2W	KNS-3W	KNS-4W	KNS-5W	KNS-7W	KNS-10W	-	-
Operating Temp. Range	-55°C ~ +155°C								
Dielectric Withstanding Voltage(AC)	500V	500V	500V	500V	500V	500V	500V	800V	1000V
Value Range $\pm 5\%$	0.1 Ω -300 Ω	0.1 Ω -499 Ω	0.1 Ω -1.5K Ω	0.1 Ω -1.5K Ω	0.1 Ω -1.5K Ω	0.5 Ω -3K Ω	0.5 Ω -3K Ω	1 Ω -3K Ω	1 Ω -3K Ω
Temp. Coefficient (by Type)	± 350 ppm/°C								

Note: Value for NKNP Non-inductive type is up to 50 Ω only.

FIG.1 DERATING CURVE

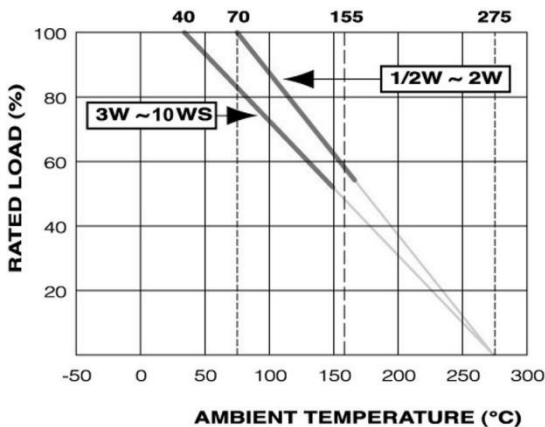
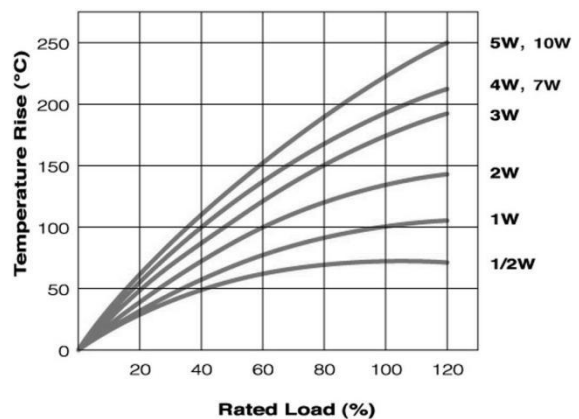


FIG.2 HOT-SPOT TEMPERATURE



Note: Other resistance is available on request. WEET is capable of doing custom service for you.

