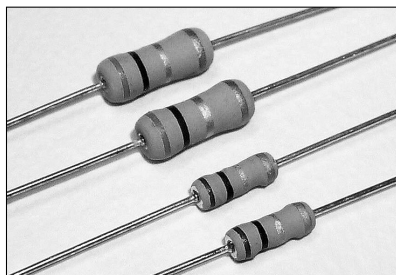


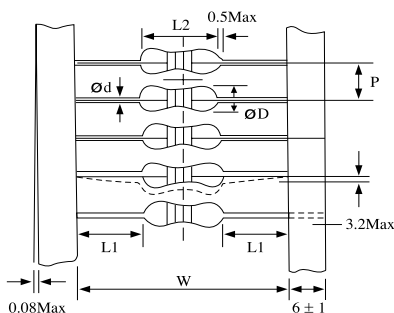
WNP SERIES

NON-INDUCTIVE WIRE WOUND RESISTORS



FEATURES

- Coated with silicone resin of high resistance
- Ceramic rod results in performance levels far superior to general fiberglass core.
- Available to high resistance in miniature size(WNPS 2W, 3W) by automatic winding.
- Coating Color: Green
- Marking: Color Code



TAPING DIMENSIONS

Unit: mm

Type	W	L1	d	L2	P	D
WNP 1W	64 ± 1.0	26 ± 1.0	0.80	12 ± 1.0	5.0 ± 1.0	4.3 ± 0.7
WNPS 2W	64 ± 1.0	26 ± 1.0	0.80	12 ± 1.0	5.0 ± 1.0	4.3 ± 0.7
WNP 2W	64 ± 1.0	24 ± 1.0	0.80	16 ± 1.0	10.0 ± 1.0	6.0 ± 1.0
WNPS 3W	64 ± 1.0	24 ± 1.0	0.80	16 ± 1.0	10.0 ± 1.0	6.0 ± 1.0

*Available to WNP on special for 5W, 7W, 10W and 15W.

SPECIFICATIONS

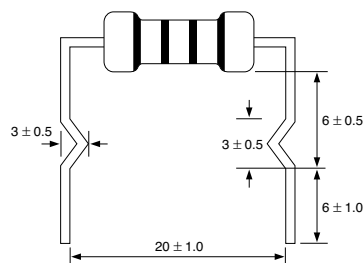
Type	Resistance Range	Operating Temp. Rang
	E-96($\pm 1\%$), E-24-G($\pm 2\%$), J($\pm 5\%$)	
WNP 1W	0.1-1 Ω	-40°C ~+155°C
WNPS 2W	0.1-2 Ω	
WNP 2W	0.1-2 Ω	
WNPS 3W	0.1-2 Ω	

CHARACTERISTICS

Characteristics	Performance
Short Time Over Load	$\pm (1\%+0.05\Omega)$
Dielectric Withstanding Voltage	$\pm (1\%+0.05\Omega)$
Resistance To Soldering Heat	$\pm (1\%+0.05\Omega)$
Moisture Resistance	$\pm (5\%+0.05\Omega)$
Load Life	$\pm (5\%+0.05\Omega)$
Resistance Temp. Coefficient	$R = 0.5\Omega: \pm 260\text{ppm}/^\circ\text{C}$ $R < 0.5\Omega: \pm 400\text{ppm}/^\circ\text{C}$
Inductance	290mH, Initial resistance Value $\geq \pm 20\%$

SELF-STANDING LEAD TYPE

M-FORMING TYPE

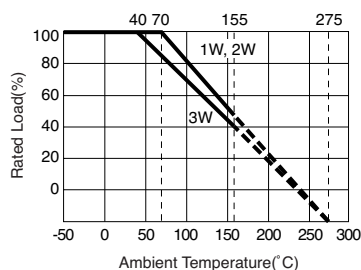


HOW TO ORDER

WNP	2W	10 Ω	J	TB
1	2	3	4	5

1. ABCO Code
2. Power Rating
3. Resistance
4. Tolerance($\pm 1\%$, $\pm 2\%$, $\pm 5\%$)
5. Packing: TB is Tape & Ammo Box

DERATING CURVE



SURFACE TEMPERATURE RISE

