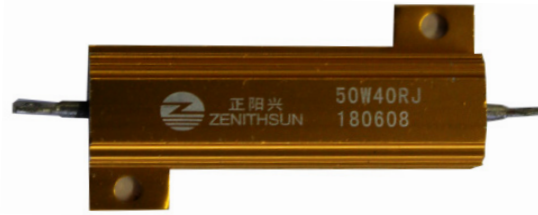


Wire Wound Resistor



AVAILABLE FROM
NEPEAN ELECTRONICS

NEPEAN Power is a proven leader in the supply and manufacture of quality engineered solutions, products and technologies. Established in 1994, through the commitment of our dedicated team we have become a supplier of choice.

The NEPEAN Power Wire Wound Resistor has an aluminium alloy shell with surface grooves for optimum dissipation. They are small in size and strong in construction for easy application. They provide high stability and favourable mechanical protection for easy installation. With a high power rating, resistance to high temperature and high overload the Wire Wound Resistor is a strong and reliable product.

Technical Specifications

Parameter	Unit	Description
Temperature coefficients	PPM/°C	±20PPM/ °C; ±50PPM/ °C; ±100PPM/ °C; ±200PPM/ °C; ±250PPM/ °C
Short time overload	VAC	1000V for 5w,10w,25w; 2000v for 50w; 2500V for 75w-500w
Short time overload	/	5×rated power for 5 seconds
Maximum working voltage	V	$\sqrt{P \times R}$
Insulation resistance	Ω	10000Megohm minimum dry,1000Megohm minimum after moisture test
Terminal tensile strength	N	22.2N for 5w-25w ,44.4N for all other
Solderability	/	MIL-PRF-18546 Type - Meets requirements of ANSI.J -STD-002
Temperature range	°C	-55/+250
Tolerance	%	J = 5%

Dimensions

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	
	±0.2	±0.2	±0.5	±2	±0.5	±0.5	±0.4	±0.2	±0.5	±0.2	±0.2	±0.1	±0.2	±1.5	±1.5G
50W	40.0	21.5	50.0	72.0	15.5	28.0	15.5	2.2	6.6	5.0	3.3	2.0	2.2	11.0	30g

Ordering Information

Part Number	Description
50W40RJ	Aluminium Resistor 50W 40R Ohm
50W150RJ	Aluminium Resistor 50W 150R Ohm
50W180RJ	Aluminium Resistor 50W 180R Ohm
50W330RJ	Aluminium Resistor 50W 330R Ohm
50W390RJ	Aluminium Resistor 50W 390R Ohm
50W470RJ	Aluminium Resistor 50W 470R Ohm
50W560RJ	Aluminium Resistor 50W 560R Ohm
50W680RJ	Aluminium Resistor 50W 680R Ohm
50W1KJ	Aluminium Resistor 50W 1K Ohm
50W1K5J	Aluminium Resistor 50W 1K5 Ohm
50W1K8G	Aluminium Resistor 50W 1.8K Ohm
50W3KJ	Aluminium Resistor 50W 3K Ohm
50W3K3J	Aluminium Resistor 50W 3K3 Ohm

