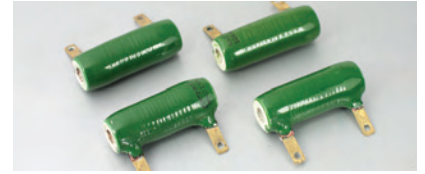
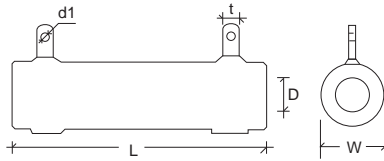


## Feature

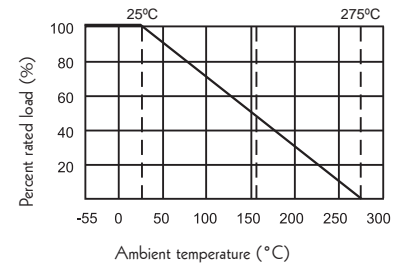
- High stable performance & power rating
- Safety flameproof construction, excellent moisture resistance
- Application: applied to DC & AC low frequency circuit as step-down voltage, shunt or overload resistor in electrical equipment & instrument



## Dimension (mm)



## Derating Curve



Type	L	W	D	d1	t	Resistance Range ( $\pm 5\% \pm 10\%$ )
URX10W	41 $\pm$ 1.5	15 $\pm$ 1	5.5 $\pm$ 0.4	2.0 $\pm$ 0.1	4.5 $\pm$ 0.1	5 $\Omega$ -200 $\Omega$
URX 15W	45 $\pm$ 1.5	17 $\pm$ 2	8 $\pm$ 0.5	2.0 $\pm$ 0.1	4.5 $\pm$ 0.1	0.2 $\Omega$ -15K $\Omega$
URX 20W	51 $\pm$ 2	17 $\pm$ 2	8 $\pm$ 0.6	2.0 $\pm$ 0.1	4.5 $\pm$ 0.1	5 $\Omega$ -430 $\Omega$
URX 25W	51 $\pm$ 2	21 $\pm$ 2.5	12 $\pm$ 0.8	2.0 $\pm$ 0.1	4.5 $\pm$ 0.1	10 $\Omega$ -510 $\Omega$
URX 30W	71 $\pm$ 2.2	21 $\pm$ 2.5	12 $\pm$ 0.8	2.0 $\pm$ 0.1	4.5 $\pm$ 0.1	10 $\Omega$ -1K $\Omega$
URX 40W	87 $\pm$ 2.2	21 $\pm$ 2.5	12 $\pm$ 0.8	2.0 $\pm$ 0.1	4.5 $\pm$ 0.1	0.2 $\Omega$ -20K $\Omega$
URX 50W	91 $\pm$ 2.4	29 $\pm$ 3	20 $\pm$ 1	2.5 $\pm$ 0.1	6.0 $\pm$ 0.1	20 $\Omega$ -1.5K $\Omega$
URX 75W	140 $\pm$ 3.2	29 $\pm$ 3	20 $\pm$ 1	2.5 $\pm$ 0.1	6.0 $\pm$ 0.1	24 $\Omega$ -2K $\Omega$
URX 100W	170 $\pm$ 3.5	29 $\pm$ 3	20 $\pm$ 1	2.5 $\pm$ 0.1	6.0 $\pm$ 0.1	24 $\Omega$ -2.7K $\Omega$
URX 150W	215 $\pm$ 3.5	29 $\pm$ 3	20 $\pm$ 1	2.5 $\pm$ 0.1	6.0 $\pm$ 0.1	24 $\Omega$ -2.7K $\Omega$

## Performance Specification

Short-time overload	10 times rated power rating, 5 seconds	$\Delta R \leq \pm(1\%R + 0.05\Omega)$
Shock	acceleration 390m/s <sup>2</sup> , 11ms, 18 times	$\Delta R \leq (1\%R + 0.05\Omega)$
Temperature quick change	-55°C~+200°C, 5times cycling	$\Delta R \leq (1\%R + 0.05\Omega)$
Crash	acceleration 390m/s <sup>2</sup> , 4000 times	$\Delta R \leq (1\%R + 0.05\Omega)$
Terminal strength	$\leq 4.3W$ 10N ; $\geq 6W$ 20N	$\Delta R \leq (1\%R + 0.05\Omega)$
Vibration	Frequency 10-500HZ, acceleration 98m/s <sup>2</sup> 2.6h	$\Delta R \leq (1\%R + 0.05\Omega)$
Humidity (Steady State)	Temperature 40 $\pm$ 2°C, humidity 95—92% place 56 days	$\Delta R \leq (5\%R + 0.05\Omega)$
Load life	Rated power rating, 1000h, room temperature	$\Delta R \leq (5\%R + 0.05\Omega)$
Solderability	245°C $\pm$ 5°C	Min. 95% coverage
Temperature rise	Rated power rating	<245°C