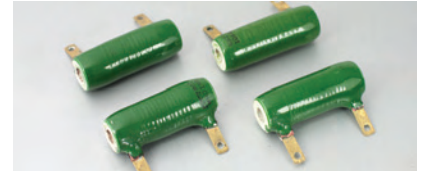
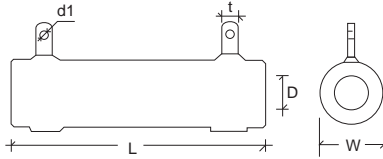


## Feature

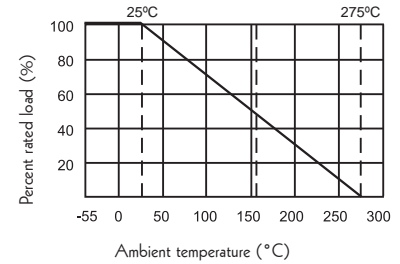
- High stable performance & power rating
- Safety flameproof construction, excellent moisture resistance
- Application: applied to DC & AC low frequency circuit as step-down voltage, shunt or overload resistor in electrical equipment & instrument



## Dimension (mm)



## Derating Curve



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

## 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±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±5°C  | Min. 95% coverage                      |
| Temperature rise         | Rated power rating                                       | <245°C                                 |