

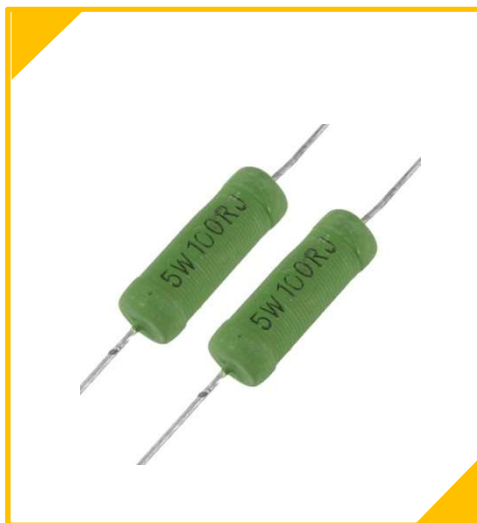
LR-11 Axial Silicone Coated Wire Wound Resistors

Features

- **Coating** - Silicone Coated ; Flame Retardent
- **Resistance Wire** - Copper Nickel alloy for low and medium values
- Nickel Chromium alloy for high values
- **Coating Type** - Matt Silicone varnish, Class C, Green colour
- **Leads** - Axial Copper Wires, Solder Plated, Spot welded to caps
- **Construction** – Solid Alumina core with steel end caps, fully welded construction
- **Markings** - *El-Ci-Ar* logo, Resistance value, tolerance, Wattage
- **Resistor Tolerance** - 10% (K), 5% (J)
- **Breakdown Voltage** $\geq 500V$ (b/w leads & body)
- **Temperature Coefficient** - 200 ppm / °C.
- **Temperature Severity** - From - 40°C to + 200°C
- **Endurance** - Change in value < 3% after 1000 hours at 70°C, full load
- **Humidity** - Change in value < 1.5% after 1000 hours at 40°C, 90-95% RH
- **Short Time Overload** – Can withstand 10 times rated load for 5 seconds
– Change in values $\leq 2\%$
- **Low TCR on request**

Application

- For a variety of Industrial Applications
- Wide Range Available from 1W to 10W
- Non-Inductive R also available on request



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| Wattage W | Dimensions in mm | | | | R Range | | Max. Working Voltage in V |
|--------------|------------------|---------|------------|-----------|----------|----------|---------------------------------|
| | L | D | D | H | Min | Max. | |
| | +/- 1.5mm | +/- 1mm | +/- 0.05mm | Min in mm | Ω | Ω | |
| 1 | 12 | 4 | 0.8 | 28 | 0.1 | 820 | 30 |
| 2 | 16 | 4.5 | 0.8 | 28 | 0.1 | 3 K | 75 |
| 3 | 18 | 6 | 0.8 | 28 | 0.1 | 4 K | 110 |
| 5 | 22 | 7 | 0.8 | 28 | 0.1 | 4 K | 140 |
| 7 | 24.5 | 8.5 | 0.8 | 28 | 0.1 | 5 K | 185 |
| 10 | 40 | 8.5 | 0.8 | 28 | 0.1 | 30 K | 550 |

- Values above & below specified range available on request
- For Non Inductive R max values are half than the above values

