

# LPR Low Profile Resistor - Aluminium Housed Resistor



LPR series are low profile resistors encapsulate in an ultra slim aluminium housed casing. Designed for applications where space is critical i.e EV vehicles, instruments, drivers and frequency converters.

- Low profile
- 50 Watt & 100 Watt Versions
- Easy mounting
- UL approved cables
- RoHS Compliant



## Characteristics

|                                |                                   |
|--------------------------------|-----------------------------------|
| Tolerance (Code):              | J ( $\pm 5\%$ )                   |
| Maximum operating temperature: | 250°C                             |
| Insulation resistance:         | >100Mohm                          |
| Short Term Overload            | 5 times Rated Power for 5 Seconds |
| Dielectric Strength            | 2500VAC rms For 1 Minute          |

## Electrical Specifications

| Type   | Wattage | Ohmic Values |
|--------|---------|--------------|
| LPR50  | 50      | 3R3 - 1K     |
| LPR100 | 100     | 3R3 - 1K     |

## Dimensions (mm)

| Series | A max | B Max | C $\pm 0.2$ | D $\pm 0.2$ | E $\pm 5.0$ |
|--------|-------|-------|-------------|-------------|-------------|
| LPR50  | 50    | 75    | 30          | 62          | 200         |
| LPR100 | 100   | 75    | 67          | 62          | 200         |



## Ordering Procedure

Standard Resistor: Series, Resistance Value, Tolerance,

e.g. LRP50 3R3 J

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It is the responsibility of the customer to ensure that the component selected from our range is suitable for the intended application. If in doubt please ask ARCOL.