

Four-Terminal Current-Sensing Wirewound Resistor

4LPW Series

- TC = $\pm 40\text{ppm}/^\circ\text{C}$
- 3 watts to 15 watts
- 0.005 ohm to 1.0 ohm
- $\pm 1\%$, $\pm 2\%$, $\pm 3\%$, $\pm 5\%$, $\pm 10\%$ tolerance
- Flameproof construction



NOT RECOMMENDED FOR NEW DESIGNS

All Pb-free parts comply with EU Directive 2011/65/EU amended by (EU) 2015/863 (RoHS3)

Electrical Data

| IRC Type | Power @ 25°C (watts) | Max. Current (amps) | Resistance Range (ohms) |
|----------|----------------------|---------------------|-------------------------|
| 4LPW-3 | 3 | 10 | .005 TO 1.0 |
| 4LPW-5 | 5 | 10 | .005 TO 1.0 |
| 4LPW-7 | 7 | 20 | .01 TO 1.0 |
| 4LPW-10 | 10 | 20 | .01 TO 1.0 |
| 4LPW-15 | 15 | 20 | .01 TO 1.0 |

Please note: When ordering the alternate configuration please add an "A" after the part number. (4LPW-3A)

Standard Configuration



Alternate Configuration



Dimensions (Inches (mm))

| IRC Type | L $\pm .063$ (1.6) | W $\pm .03$ (.8) | H $\pm .03$ (.8) | S $\pm .062$ (1.6) | D Diameter | E $\pm .03$ (.8) |
|----------|-----------------------|---------------------|---------------------|-----------------------|---------------|---------------------|
| 4LPW-3 | .88 (22.4) | .31 (7.87) | .31 (7.87) | .563 (14.3) | .036 (.9) | .38 (9.65) |
| 4LPW-5 | .88 (22.4) | .38 (9.65) | .35 (8.89) | .563 (14.3) | .036 (.9) | .41 (10.4) |
| 4LPW-7 | 1.39 (35.3) | .38 (9.65) | .35 (8.89) | 1.013 (25.7) | .036 (.9) | .47 (11.9) |
| 4LPW-10 | 1.88 (47.8) | .38 (9.65) | .35 (8.89) | 1.388 (35.3) | .036 (.9) | .47 (11.9) |
| 4LPW-15 | 1.88 (47.8) | .50 (12.7) | .50 (12.7) | 1.388 (35.3) | .036 (.9) | .63 (16.0) |

General Note

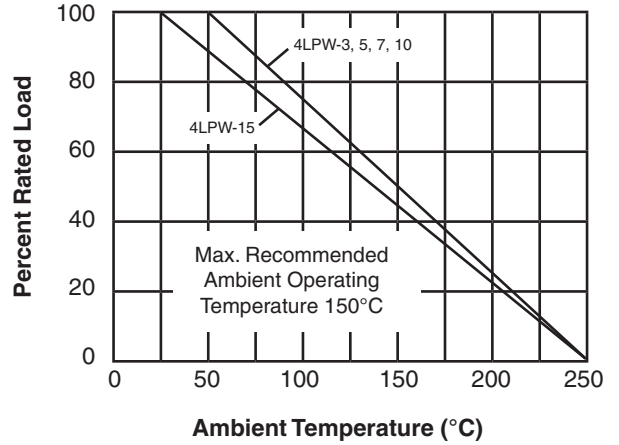
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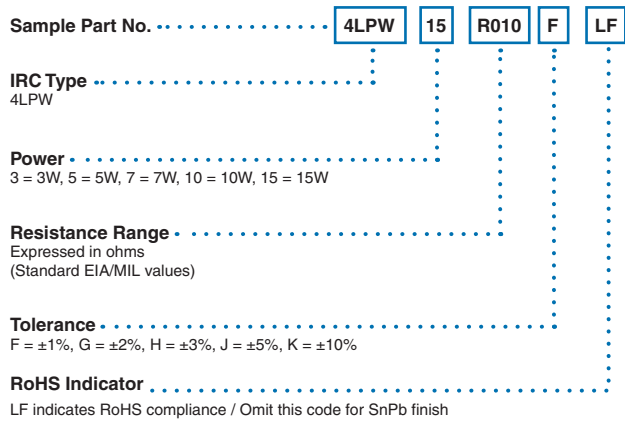
Temperature Rise Chart



Power Derating Curve



Ordering Data



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