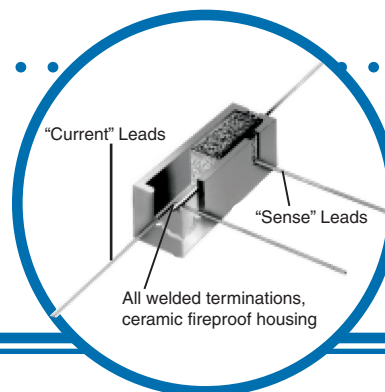


Four-Terminal Current-Sensing Wirewound Resistor

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

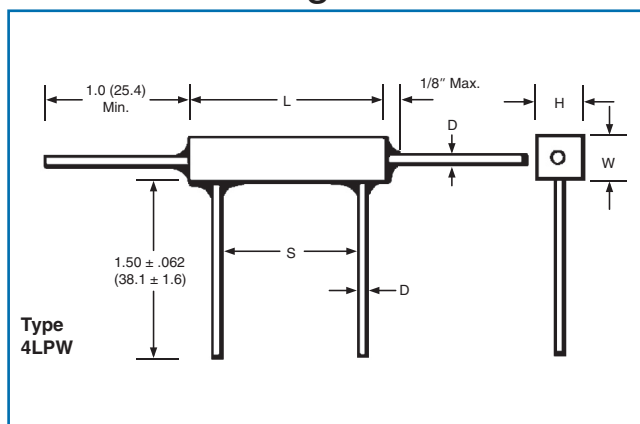


Electrical Data

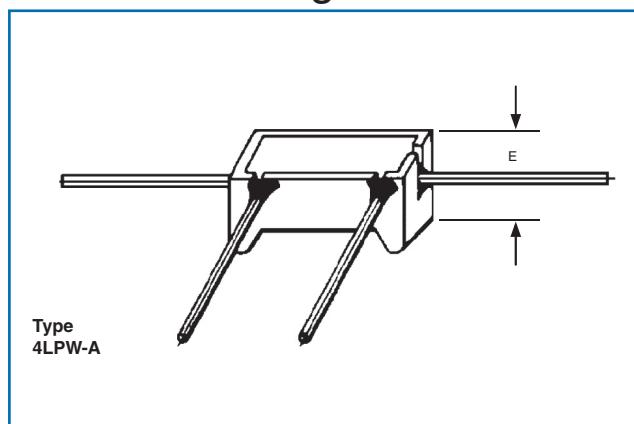
IRC Type	Power @ 25°C (watts)	Max. Current (amps)	Resistance Range (ohms)
4LPW-3	3	10	.005 TO 1.0
4LPW-5	5	10	.005 TO 1.0
4LPW-7	7	20	.01 TO 1.0
4LPW-10	10	20	.01 TO 1.0
4LPW-15	15	20	.01 TO 1.0

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 ±.063 (1.6)	W ±.03 (.8)	H ±.03 (.8)	S ±.062 (1.6)	D Diameter	E ±.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

IRC reserves the right to make changes in product specification without notice or liability. All information is subject to IRC's own data and is considered accurate at time of going to print.

Wire and Film Technologies Division • 4222 South Staples Street • Corpus Christi Texas 78411 USA
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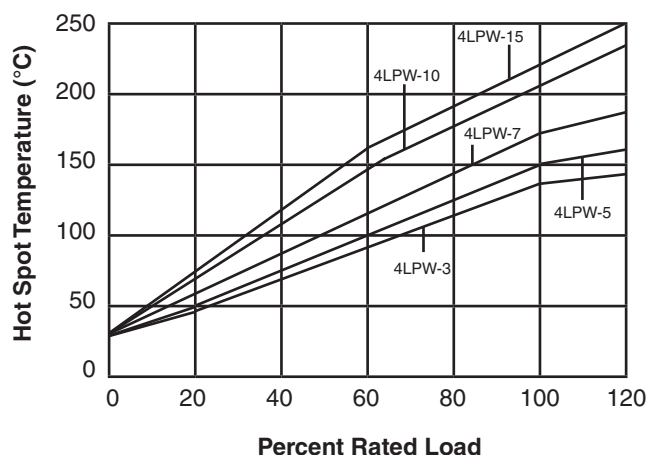


A subsidiary of
TT electronics plc

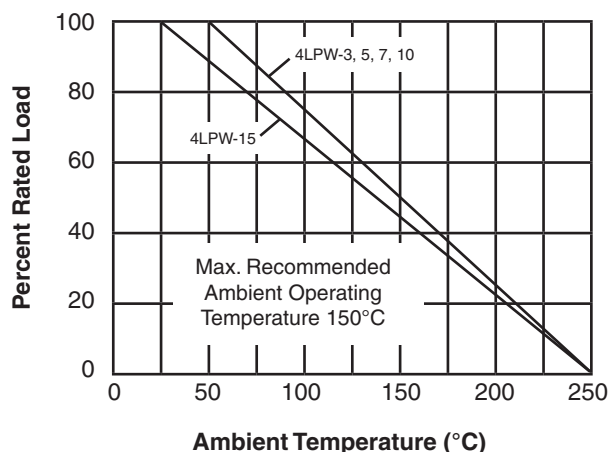
Four-Terminal Current-Sensing Wirewound Resistor



Temperature Rise Chart



Power Derating Curve



Ordering Data

Sample Part No. **4LPW** **15** **R010** **F**

IRC Type
4LPW

Power
3 = 3W, 5 = 5W, 7 = 7W, 10 = 10W, 15 = 15W

Resistance Range
Expressed in ohms
(Standard EIA/MIL values)

Tolerance
F = $\pm 1\%$, G = $\pm 2\%$, H = $\pm 3\%$, J = $\pm 5\%$, K = $\pm 10\%$