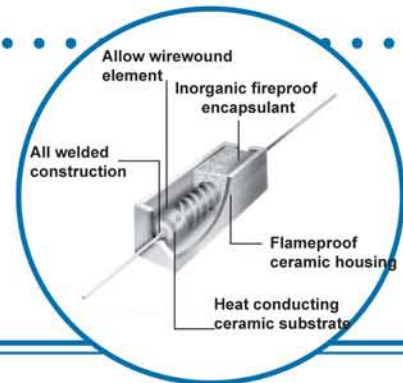


PPW SERIES



SEMI-PRECISION POWER WIREWOUND RESISTOR FOR PULSE & SURGE APPLICATIONS

- 2 watts to 15 watts
- 0.10 ohms to 5000 ohms
- $\pm 3\%$, $\pm 2\%$, or $\pm 1\%$ tolerance
- ± 20 ppm/ $^{\circ}\text{C}$ TCR
- Lead Free, ROHS Compliant Construction



SPECIFICATIONS:

| IRC Type | Power at 25°C (watts) | Resistance Range (ohms) |
|----------|-----------------------|-------------------------|
| PPW-2 | 2 | 0.1 to 1600 |
| PPW-5 | 3 | 0.1 to 1600 |
| PPW-7 | 5 | 0.1 to 1600 |
| PPW-10 | 7 | 0.1 to 2500 |
| PPW-15 | 10 | 0.1 to 5000 |
| | 15 | 0.1 to 5000 |

LIGHTING SURGE CAPABILITIES FOR PPW-2:

| Resistive Range | 10 x 1000* | 10 X 360* |
|----------------------|------------|-----------|
| 1 to 9.9 Ω | 250V | 650V |
| 10 to 29.9 Ω | 500V | 850V |
| 30 to 99 Ω | 600V | 1000V |
| 100 to 1600 Ω | 1000V | 1500V |

*10 microseconds - Maximum rise time to peak voltage.
360 or 1000 microseconds - minimum decay time to one half peak.

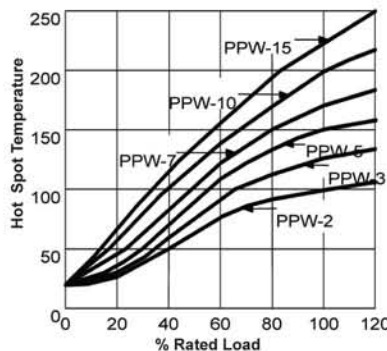
Please note: When ordering the alternate configuration please add an 'A' after the part number. (i.e., PPW-3A)

DIMENSIONS (Inches and (mm)):

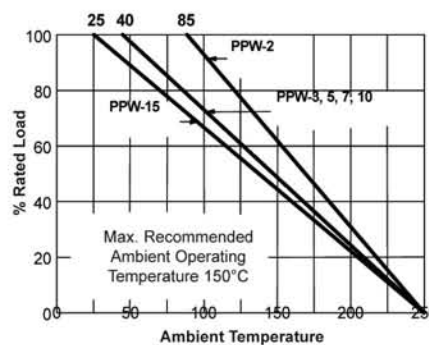
| IRC Type | Standard Configuration | | | Alternate Configuration | |
|----------|------------------------|--------------------|--------------------|-------------------------|--------------------|
| | L ± 0.03 (0.8) | W ± 0.03 (0.8) | H ± 0.03 (0.8) | D Diameter | E ± 0.03 (0.8) |
| PPW-2 | 0.69 (17.05) | 0.275 (6.99) | 0.275 (6.99) | 0.032 (0.8) | 0.32 (8.134) |
| PPW-3 | 0.88 (22.3) | 0.310 (7.87) | 0.310 (7.87) | 0.032 (0.8) | 0.38 (9.65) |
| PPW-5 | 0.88 (22.3) | 0.380 (9.65) | 0.350 (8.89) | 0.032 (0.8) | 0.41 (10.4) |
| PPW-7 | 1.39 (35.3) | 0.380 (9.65) | 0.350 (8.89) | 0.032 (0.8) | 0.47 (11.9) |
| PPW-10 | 1.88 (47.7) | 0.380 (9.65) | 0.350 (8.89) | 0.032 (0.8) | 0.47 (11.9) |
| PPW-15 | 1.88 (47.7) | 0.500 (12.7) | 0.500 (12.7) | 0.032 (0.8) | 0.50 (12.7) |

HOW TO ORDER:

TEMPERATURE RISE:



POWER DERATING:



PPW 10 15 Ω 2% LF

Type ————

Power ————
10 = 10 watts

Resistance Value ————
Expressed in ohms
(Std. EIA/MIL Values)

Tolerance ————
 $\pm 3\%$, $\pm 2\%$, $\pm 1\%$ std.

Lead Free Construction ————

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.

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