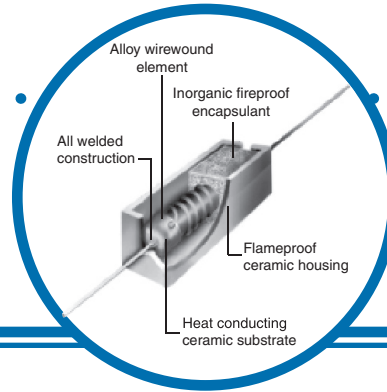


Semi-Precision Power Wirewound Resistor for Pulse & Surge Applications



PPW Series

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

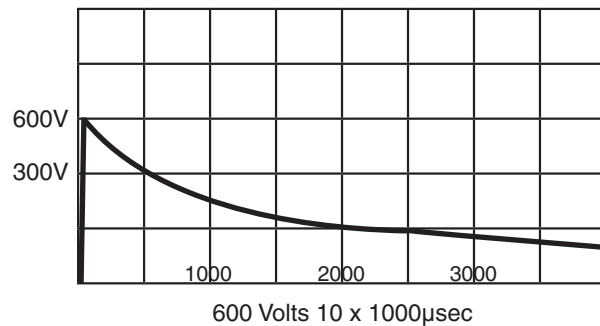
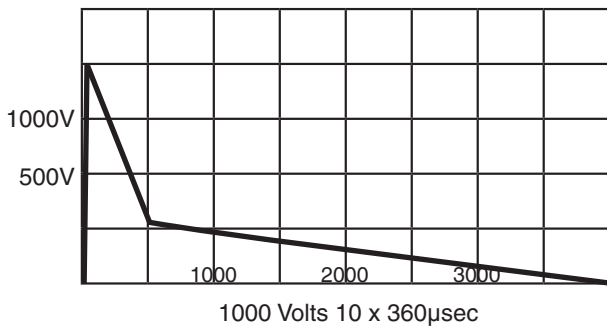


Electrical Data

IRC Type	Power @ 25°C (watts)	Resistance Range (ohms)
PPW-2	2	.01 TO 1600
PPW-3	3	.01 TO 1600
PPW-5	5	.01 TO 3300
PPW-7	7	.01 TO 2500
PPW-10	10	.01 TO 5000
PPW-15	15	.01 TO 5000

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

Lightning Surge Capabilities for PPW-2



Resistance 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.

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
Telephone: 361 992 7900 • Facsimile: 361 992 3377 • Website: www.irctt.com



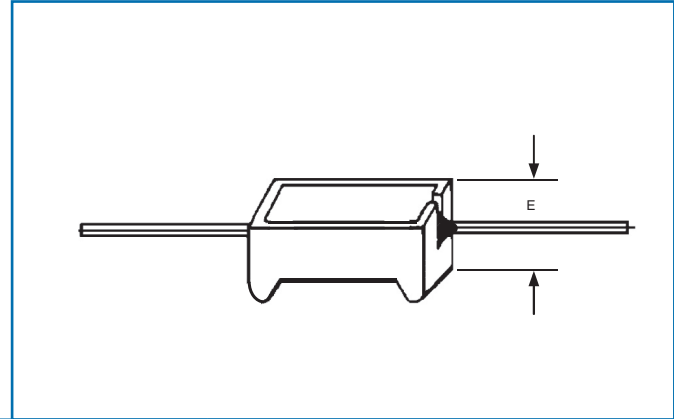
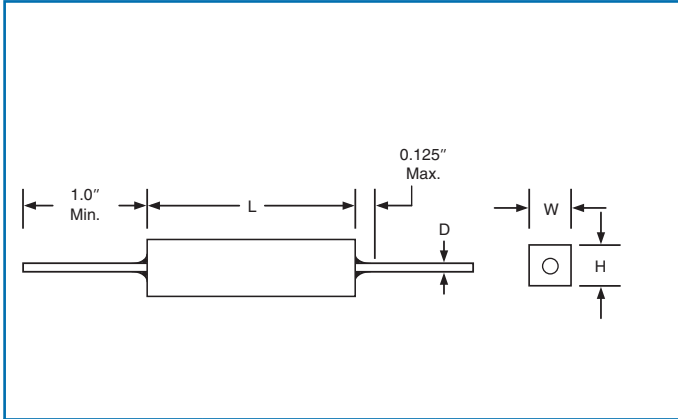
A subsidiary of
TT electronics plc

Semi-Precision Power Wirewound Resistor for Pulse & Surge Applications



Standard Configuration

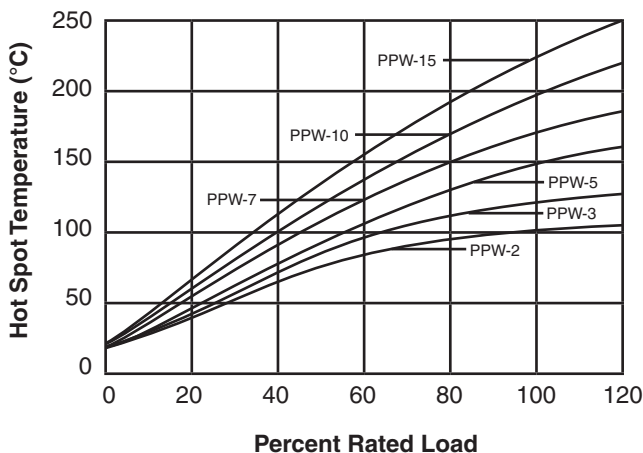
Alternate Configuration



Dimensions (Inches (mm))

IRC Type	L ±.03 (.8)	W ±.03 (.8)	H ±.03 (.8)	D - Diameter	E ±.03 (.8)
PPW-2	.69 (17.05)	.275 (6.99)	.275 (6.99)	.032 (0.8)	.32 (8.134)
PPW-3	.88 (22.3)	.310 (7.87)	.310 (7.87)	.032 (0.8)	.38 (9.65)
PPW-5	.88 (22.3)	.380 (9.65)	.350 (8.89)	.032 (0.8)	.41 (10.4)
PPW-7	1.39 (35.3)	.380 (9.65)	.350 (8.89)	.032 (0.8)	.47 (11.9)
PPW-10	1.88 (47.7)	.380 (9.65)	.350 (8.89)	.032 (0.8)	.47 (11.9)
PPW-15	1.88 (47.7)	.500 (12.7)	.500 (12.7)	.032 (0.8)	.50 (12.7)

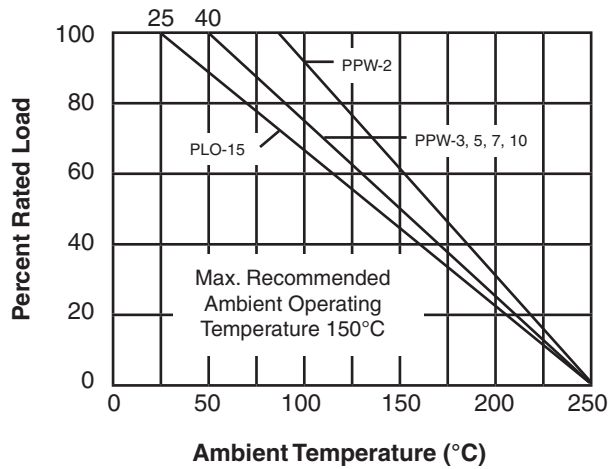
Temperature Rise Chart



Semi-Precision Power Wirewound Resistor for Pulse & Surge Applications



Power Derating Curve



Ordering Data

