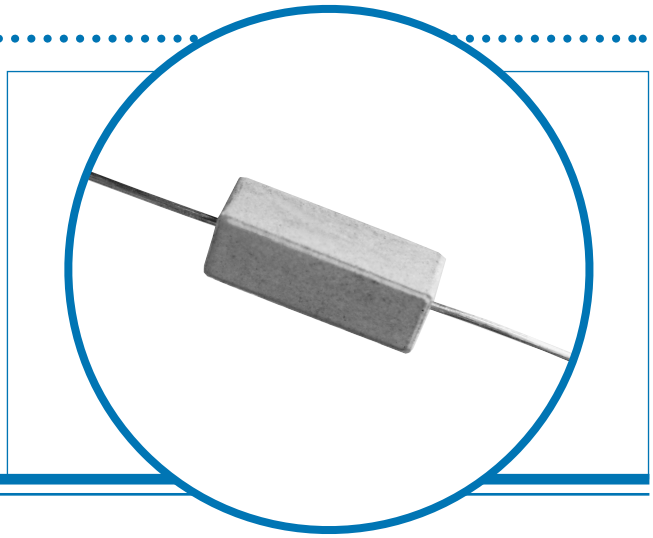
Semi-Precision Power Wirewound Resistors

TT electronics
Welwyn Components

PPW Series

- **Ideal for pulse and surge applications**
- **2 watts to 15 watts**
- **Resistance to 0R1 ohms to 5K ohms**
- **±3%, ±2% or ±1% tolerance**
- **±20 ppm/°C TCR**



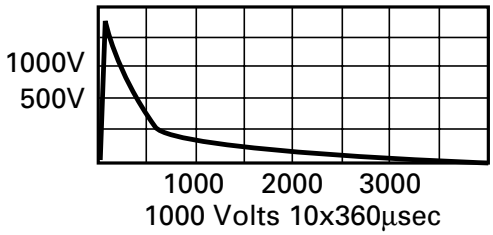
Electrical Data

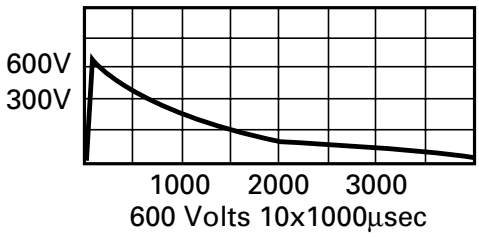
		PPW-2	PPW-3	PPW-5	PPW-7	PPW-10	PPW-15
Power rating at 25°C	watts	2	3	5	7	10	15
Resistance range	ohms	0R1 to 1K6	0R1 to 1K6	0R1 to 1K6	0R1 to 2K5	0R1 to 5K	0R1 to 5K

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

Lighting Surge Capabilities for PPW-2

Resistive range ohms	10 x 1000*	10 x 360*
1R to 9R9	250V	650V
10R to 29R9	500V	850V
30R to 99R	600V	1000V
100R to 1K6	1000V	1500V





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

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

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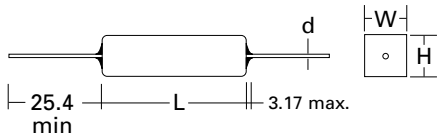
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A subsidiary of
TT electronics plc

Issue B · 03.02

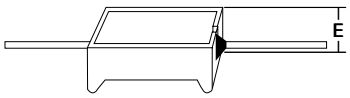
Physical Data

Dimensions (mm)

Standard Configuration

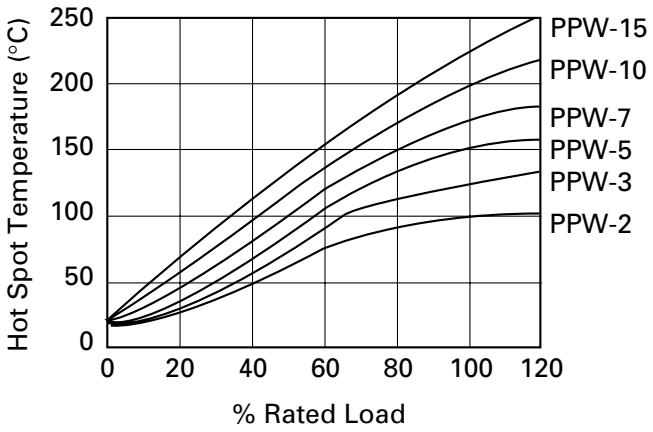


Alternate Configuration

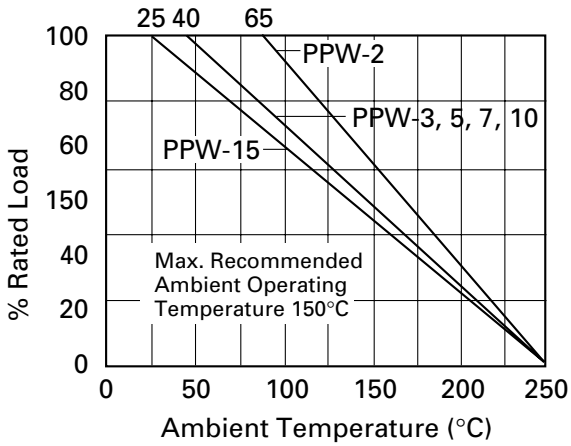


Type	L ± 0.8	W ± 0.8	H ± 0.8	d dia.	E ± 0.8
PPW-2	1705	6.99	6.99	0.8	8.134
PPW-3	22.3	7.87	7.87	0.8	9.65
PPW-5	22.3	9.65	8.89	0.8	10.4
PPW-7	35.3	9.65	8.89	0.8	11.9
PPW-10	47.7	9.65	8.89	0.8	11.9
PPW-15	47.7	12.7	12.7	0.8	12.7

Temperature Rise



Power Derating



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