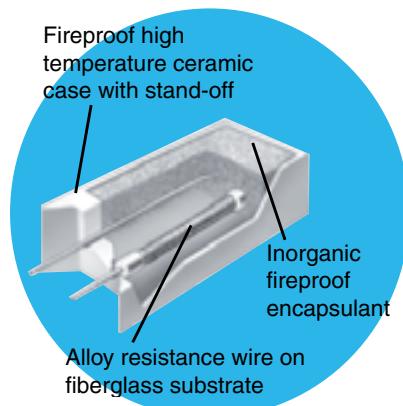


# General Purpose Stand-Up Power Wirewound Resistor

## PWR Series

- 3, 5, 7, and 10 watts
- 0.1 Ω to 18k Ω range
- Radial leads for PC mount
- TC's from 300 ppm/°C to +5500 ppm/°C

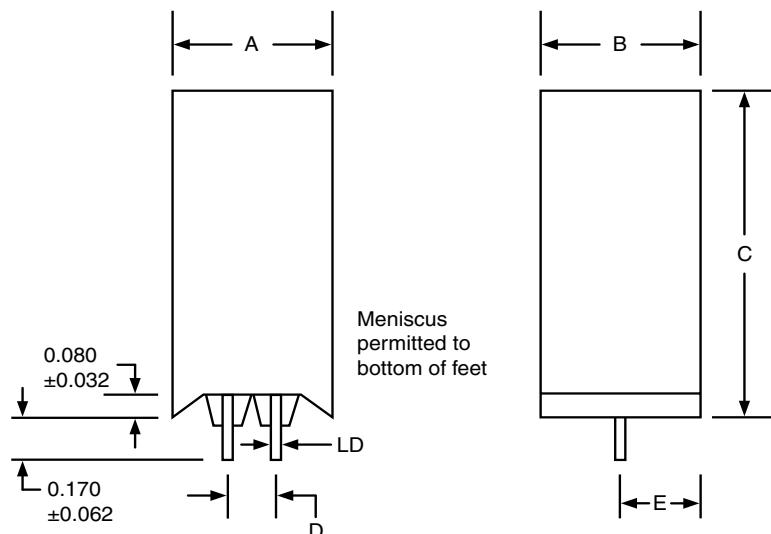


## Specifications

- Power Rating: 3, 5, 7, and 10 watts
- Resistance Range:
 

3 watt: 0.1Ω to 7.5K	7 watt: 0.1Ω to 18K
5 watt: 0.1Ω to 8.5K	10 watt: 0.18Ω to 18K
- Tolerance: ±5% and ±10% (refer to PWRG for tolerances less than 5% pg.129)
- Flameproof inorganic construction
- EIA RS-344, insulated fixed wirewound resistors

## Physical Data



Dimensions (Inches and (mm))

IRC Type	A	B	C	D	E	LD
PWR-3	0.475 ±0.030 (12.0 ±0.8)	0.320 ±0.030 (8.1 ±0.8)	1.00 ±0.030 (25.4 ±0.8)	0.200 ±0.062 (5.08 ±1.6)	0.175 ±0.062 (4.44 ±1.6)	0.036 ±0.002 (0.91 ±0.05)
PWR-5	0.500 ±0.030 (12.7 ±0.8)	0.350 ±0.030 (8.8 ±0.8)	1.00 ±0.030 (25.4 ±0.8)	0.200 ±0.062 (5.08 ±1.6)	0.175 ±0.062 (4.44 ±1.6)	0.036 ±0.002 (0.91 ±0.05)
PWR-7	0.500 ±0.030 (12.7 ±0.8)	0.350 ±0.030 (8.8 ±0.8)	1.50 ±0.032 (38.1 ±0.81)	0.200 ±0.062 (5.08 ±1.6)	0.175 ±0.062 (4.44 ±1.6)	0.036 ±0.002 (0.91 ±0.05)
PWR-10	0.630 ±0.032 (16.0 ±0.81)	0.510 ±0.032 (13.2 ±0.81)	1.39 ±0.032 (35.3 ±0.81)	0.290 ±0.062 (7.4 ±1.6)	0.250 ±0.062 (6.4 ±1.6)	0.036 ±0.002 (0.91 ±0.05)

### General Note

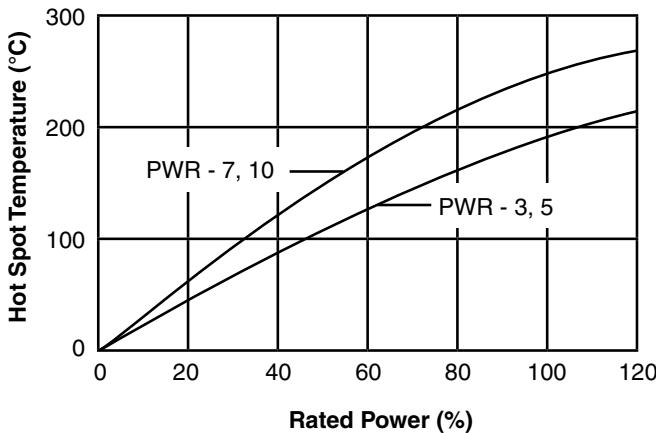
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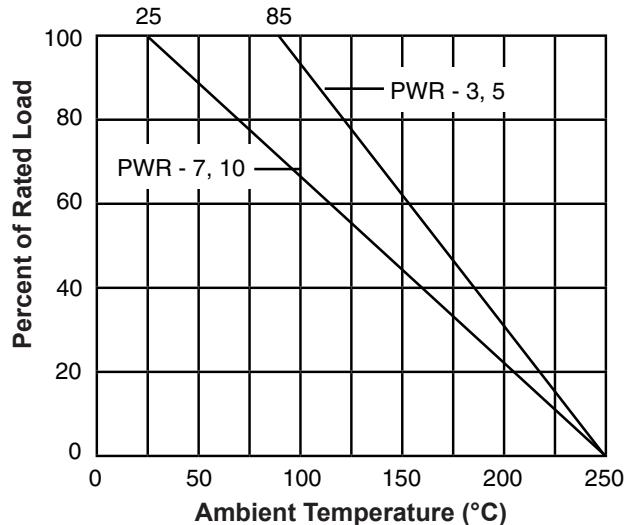
[www.ttelectronicsresistors.com](http://www.ttelectronicsresistors.com)

PWR Series

## Temperature Rise Chart



## Power Derating Curve



## Ordering Data

Sample Part No. ....	<b>PWR</b>	<b>10</b>	<b>1202</b>	<b>K</b>	<b>LF</b>
IRC Type .....	PWR				
Power .....					
Resistance Range .....					
Tolerance .....	J = $\pm 5\%$ , K = $\pm 10\%$				
RoHS Indicator .....	LF indicates RoHS compliance				

### General Note

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Authorized Distributor

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[PWR5475%](#) [PWR10750RJ](#) [PWR10750RJTR](#) [PWR107001KLF](#)