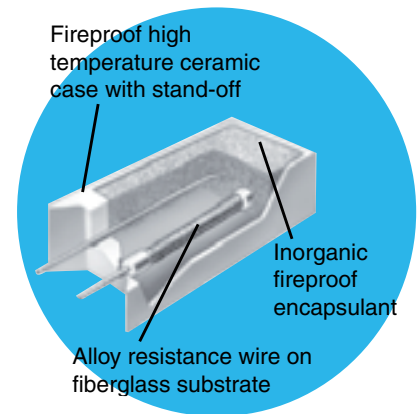


## General Purpose Stand-Up Power Wirewound Resistor

### 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

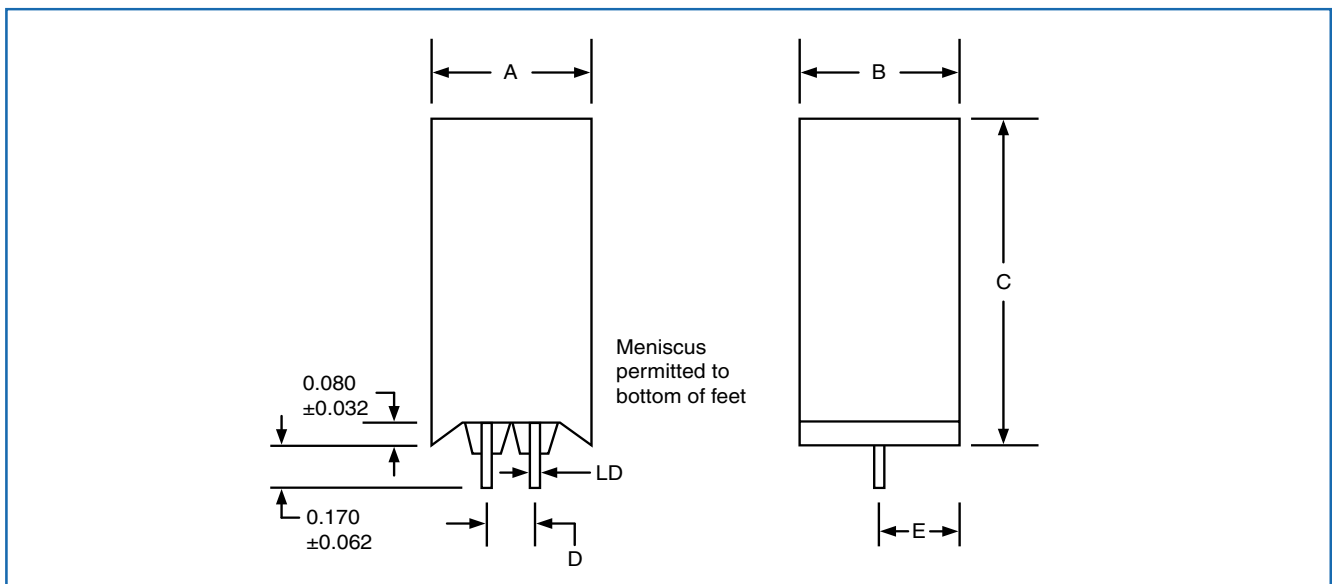


All Pb-free parts comply with EU Directive 2011/65/EU amended by (EU) 2015/863 (RoHS3)

### 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))

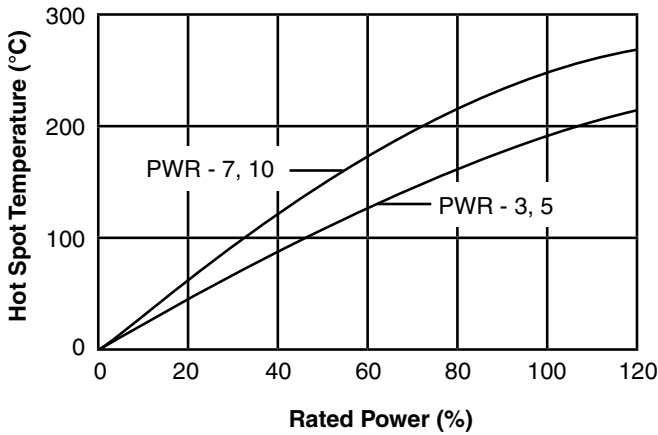
IRC Type	A	B	C	D	E	LD
<b>PWR-3</b>	0.475 ±0.030 (12.0 ±0.8)	0.320 ±0.030 (8.1 ±0.8)	1.00 ±0.030 (25.4 ±0.8)	0.200 ±0.062 (5.08 ±1.6)	0.175 ±0.062 (4.44 ±1.6)	0.036 ±0.002 (0.91 ±0.05)
<b>PWR-5</b>	0.500 ±0.030 (12.7 ±0.8)	0.350 ±0.030 (8.8 ±0.8)	1.00 ±0.030 (25.4 ±0.8)	0.200 ±0.062 (5.08 ±1.6)	0.175 ±0.062 (4.44 ±1.6)	0.036 ±0.002 (0.91 ±0.05)
<b>PWR-7</b>	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)
<b>PWR-10</b>	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

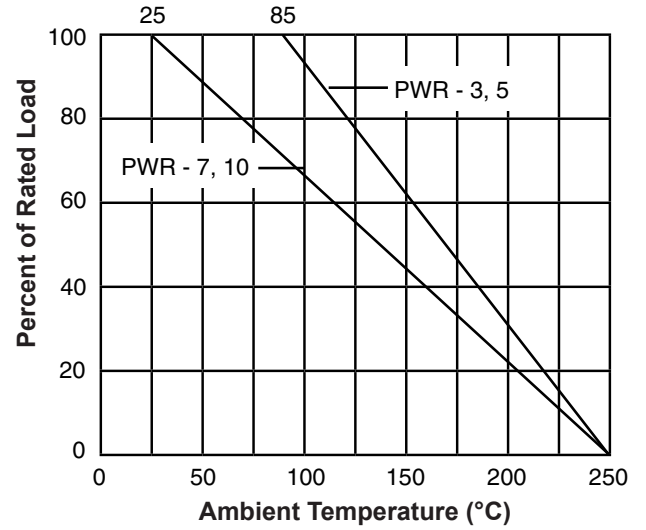
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PWR Series

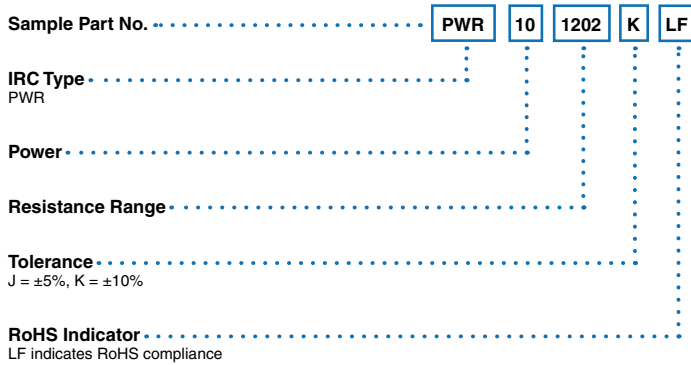
### Temperature Rise Chart



### Power Derating Curve



### Ordering Data



#### General Note

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