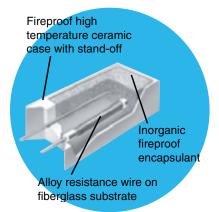
Resistors

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

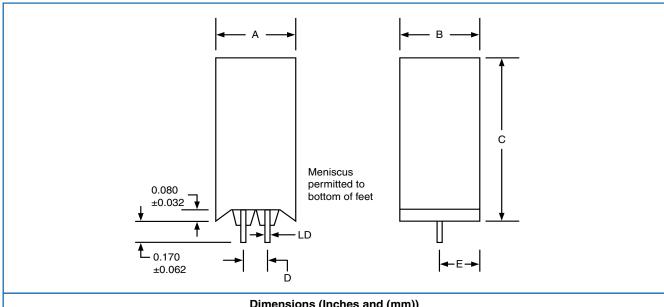
- Power Rating: 3, 5, 7, and 10 watts

- 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



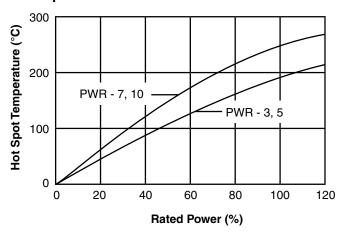
Dimensions (Inches and (mm)) **IRC Type** Ε LD 0.475 ±0.030 0.320 ± 0.030 1.00 ±0.030 0.200 ±0.062 0.175 ±0.062 0.036 ±0.002 PWR-3 (12.0 ± 0.8) (8.1 ± 0.8) (25.4 ± 0.8) (5.08 ± 1.6) (4.44 ± 1.6) (0.91 ± 0.05) 0.500 ± 0.030 0.350 ± 0.030 1.00 ±0.030 0.200 ±0.062 0.175 ±0.062 0.036 ±0.002 PWR-5 (12.7 ±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

General Note

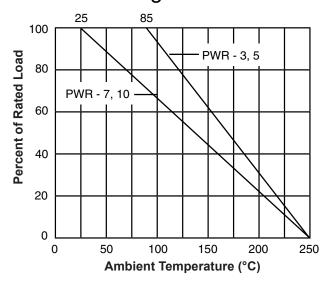




Temperature Rise Chart



Power Derating Curve



Ordering Data

Sample Part No	PWR	10	1202	K	LF
IRC Type-		<u>:</u>		<u>:</u>	
Power· · · · · · · · · · · · · · · · · · ·	••••				
Resistance Range· · · · · · · · · · · · · · · · · · ·	• • • • • •	• • • •		:	•
Tolerance	•••••	• • • •	• • • • •		
RoHS Indicator				• • • •	