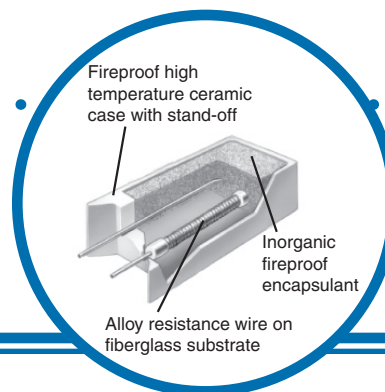


General Purpose Stand-Up Power Wirewound Resistor



PWR Series

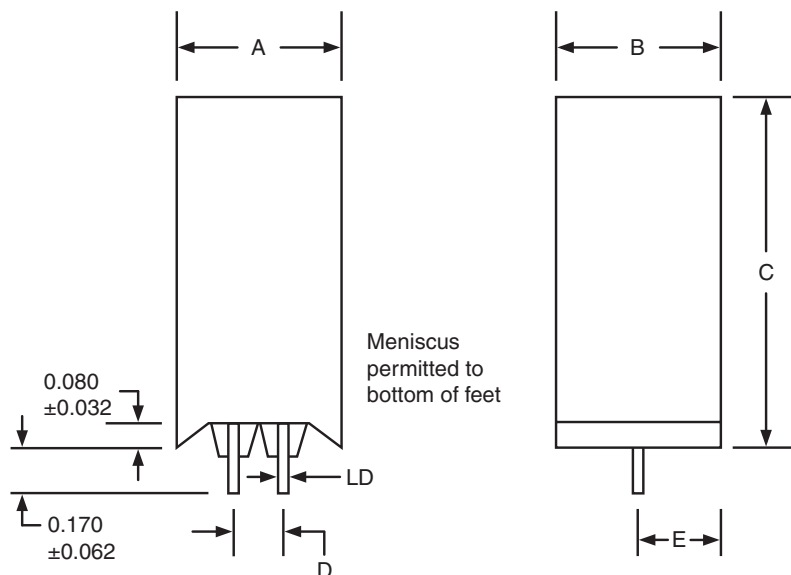
- 3, 5, 7, and 10 watts
- 0.1Ω to 18KΩ range
- Radial leads for PC mount
- TC's from 300 ppm/°C to +5500 ppm/°C



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

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.

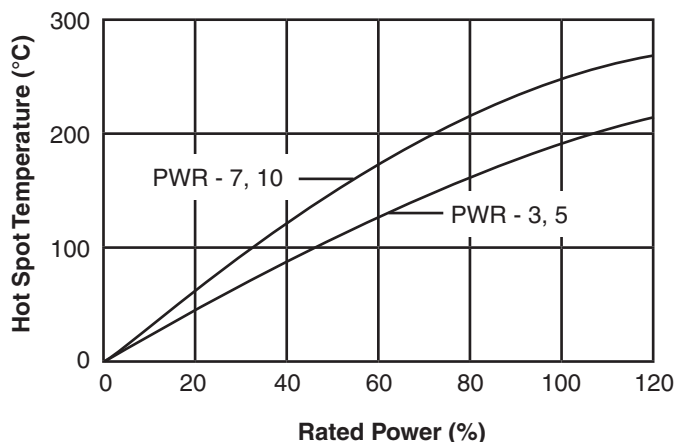


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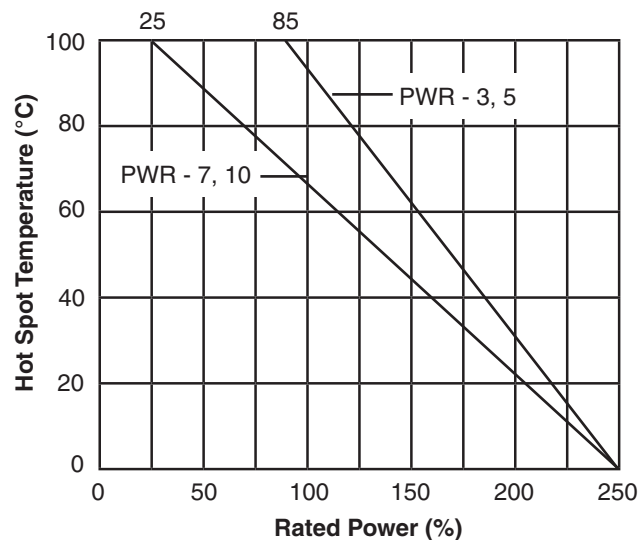
General Purpose Stand-Up Power Wirewound Resistor



Temperature Rise Chart



Power Derating Curve



Ordering Data

Sample Part No.	PWR	10	1202	K	LF
IRC Type	PWR				
Power					
Resistance Range					
Tolerance					
J = ±5%, K = ±10%					
RoHS Indicator					
LF indicates RoHS compliance					