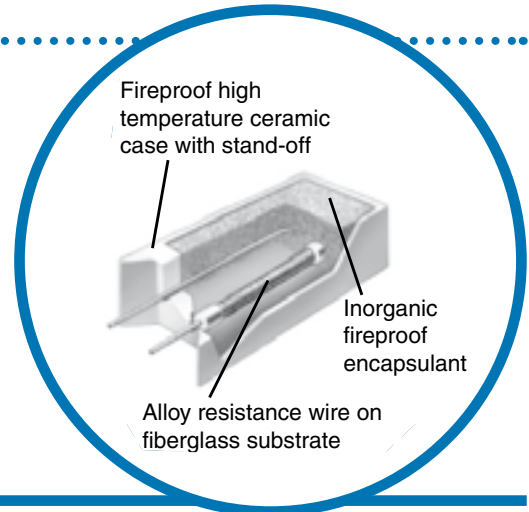


General Purpose Stand-Up Power Wirewound Resistor

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

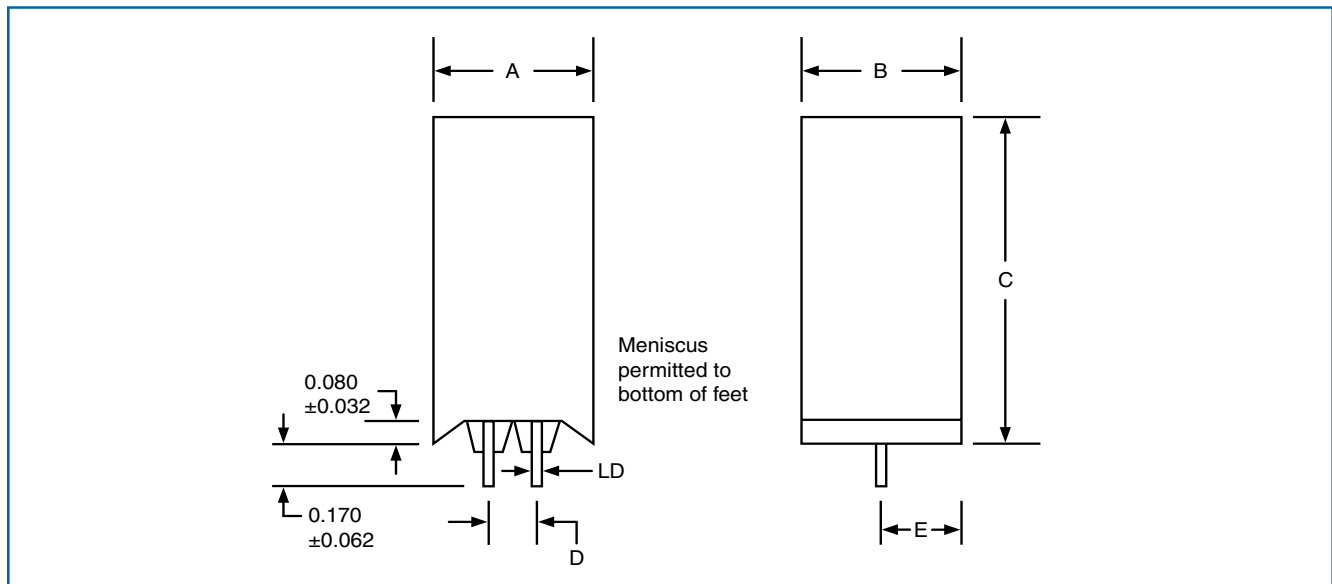
NOT RECOMMENDED FOR NEW DESIGNS



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



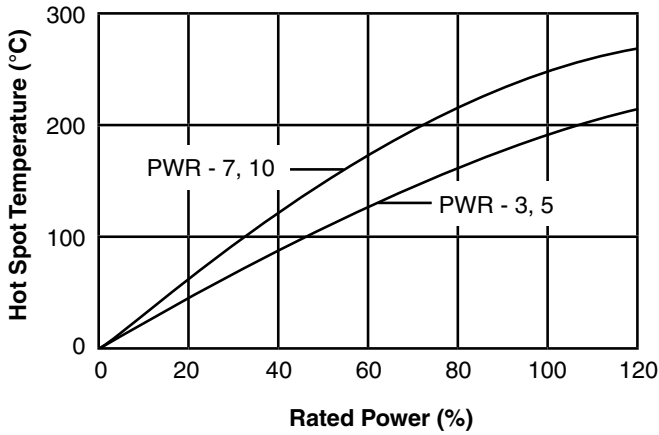
Dimensions (Inches and (mm))

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)

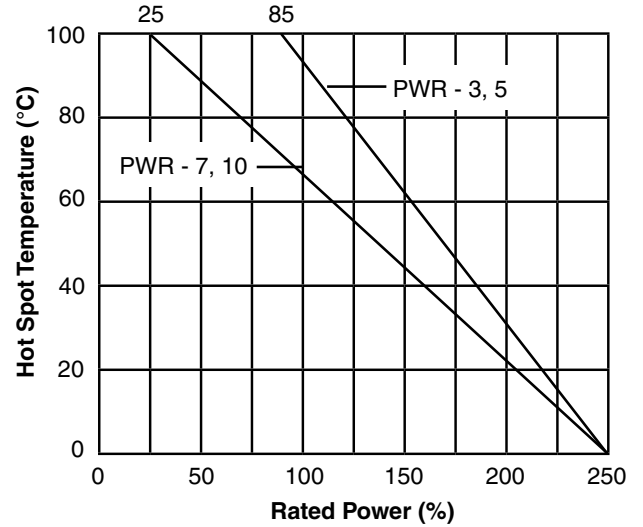
General Note

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

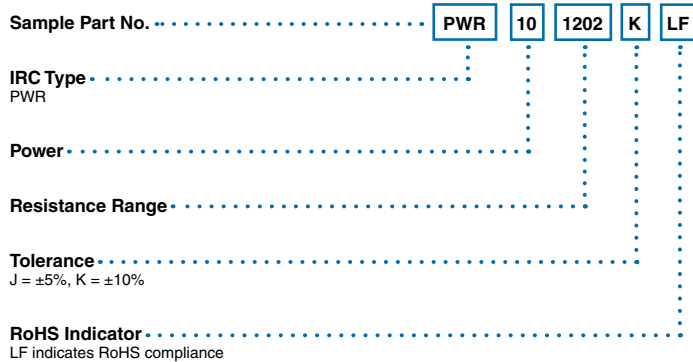
Temperature Rise Chart



Power Derating Curve



Ordering Data



General Note

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



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