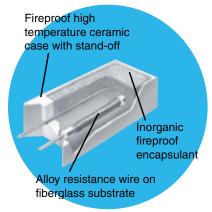
Resistors

General Purpose Stand-Up Power Wirewound Resistor

PWR Series

- 3, 5, 7, and 10 watts
- 0.1Ω to $18k \Omega$ 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)

r Rating **Spescifications** watts

tance Ranger Rating: 3, 5, 7, and 10 watts

3 watt: 0.1Ω to 18K3 watt: 0.1Ω to 18K5 watt: $0.1\Omega do 7.5K$ 5 watt: $0.1\Omega do 7.5K$ 5 watt: $0.1\Omega do 8K$

- Tolerance: ±5% and ±10%

(referated PWRG for tolerances less than 5' -("EferthepyBGrfnholganics construction 129)

- EIABS2344-uibsulatedutikedutikedutikesugund r

sical Data Data С Meniscus permitted to 0.080 bottom of feet +0.032С LD Meniscus 0.170 ←E→ permitted to ±0.062 0.080 bottom of feet ±0.032 Dimensions (Inches and (mm)) **IRC** Type в С D Е LD Α 0.320 ±0.030 0.475 ±0.030 1.00 ±0.030 0.200 ±0.062 0.175 ±0.062 0.036 ±0.002 PWR-3 (8.1 ±0.8) (25.4 ±0.8) (5.08 ± 1.6) (4.44 ± 1.6) (0.91 ± 0.05) 0.170(12.0 ±0.8) ±0.06200 ±0.030 0.350 ±0.030 1.00 ±0.030 50.175 ±0.062 0.200 ±0.062 0.036 ±0.002 PWR-5 (8.8 ±0.8) (12.7 ±0.8) (25.4 ±0.8) (5.08 ± 1.6) (4.44 ± 1.6) (0.91 ±0.05) 0.350 ±0.030 1.50 ±0.032 0.200 ±0.062 0.500 ±0.030 0.175 ±0.062 0.036 ±0.002 PWR-7 Dimensions (Inches₁and $(n_{1.6})$ (12.7 ±0.8) (4.44 ± 1.6) (0.91 ±0.05) **B**^{0.510 ±0.032} 0.630 ±0.032 0.036 ±0.002 1.39 ±0.032 0.290 ±0.062 0.250 ±0.062 PWR-10A (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

; Туре

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. IRC

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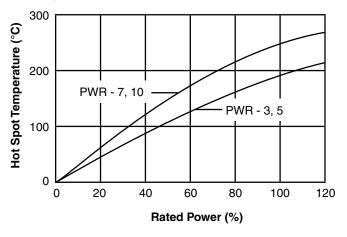
BI Technologies

Welwyn

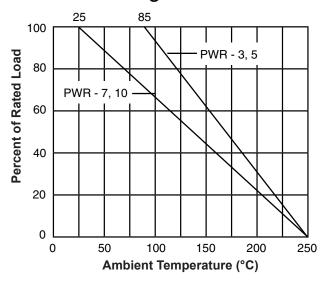
PWR Series



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 · · · · · · · · · · · · · · · · · · ·	

General Note

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Mouser Electronics

Authorized Distributor

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TT Electronics:

PWR1010R0KPWR107001KPWR3R200JPWR3R500JPWR51500JPWR51R00JPWR53000JPWR5R500JRBR55L61901BRRBR55L25R5ARRBR52L30900FRRBR54L76800BRRBR54L32402FRRBR54L30001ARRBR56L37400TRRBR52L31602FRRBR54L61901BRRBR55L162RQRRBR53L30900TRRBR52L26702TRRBR56L698RQRRBR53L11R8QRRBR56L63R4FRRBR53L21002BRRBR53L62001FRRBR54L5R1BRRBR53L39202FRRBR54L18200QRRBR52L41200ARRBR53L53602FRRBR52L26100QRRBR53L340RARRBR55L309RARRBR53L43001TRRBR53L40201QRRBR54L499RBRRBR52L86R6QRRBR53L43201TRRBR52L35702BRRBR53L51002TRRBR55L365RFRRBR54L78700FRRBR55L47501ARRBR53L22002FRRBR52L66500QRRBR53L95300BRRBR55L267RQRRBR55L13R7FRRBR55L78700FRRBR55L43001FRRBR56L57R6FRRBR55L73201QRRBR55L10RARRBR54L86600ARRBR56L30RTRRBR55L16R5QRRBR55L69801FRRBR55L174RTRRBR54L665RARRBR56L100RQRRBR53L82501BRRBR56L46400FRRBR55L1000FRRBR53L270RTRRBR54L54902TRRBR56L93R1FR