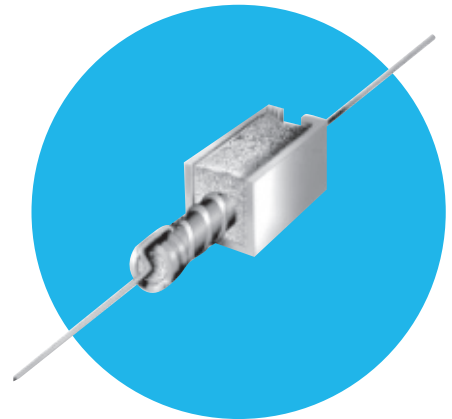


General Purpose Axial Leaded Power Wirewound Resistor

PW Axial Series **OBSOLETE PW-2**

- 0.10Ω to 30KΩ **See current datasheet for other sizes**
- 2 watts to 25 watts
- ±10% or ±5% tolerance
- TC's from 300 ppm/°C to +5500 ppm/°C
- Lead free, RoHS compliant construction available



All Pb-free parts comply with EU Directive 2011/65/EU (RoHS2)

Electrical Data

Type	Power Rating @ 25°C (watts)	Standard Resistance Range (ohms)	Standard Temperature Coefficient		Special Temperature Coefficients		
			+0.06%/°C over R range	+0.03%/°C over R range	+0.55%/°C over R range	+0.45%/°C over R range	+0.25%/°C over R range
PW-2	2	0.15 to 2.4K	0.15 to 0.99	1.0 to 2.4K	0.1 to 30	0.24 to 130	1.0 to 10
PW-3	3	0.1 to 7.5K	0.1 to 0.99	1.0 to 7.5K	0.1 to 86	0.1 to 270	0.24 to 20
PW-5	5	0.1 to 8.5K	0.1 to 0.99	1.0 to 8.5K	0.1 to 68	0.1 to 300	0.27 to 22
PW-7	7	0.1 to 18K	0.1 to 0.99	1.0 to 18K	0.1 to 150	0.15 to 680	1.0 to 51
PW-10	10	0.18 to 30K	0.18 to 0.99	1.0 to 30K	0.1 to 240	0.24 to 1100	1.0 to 82
PW-15	15	0.18 to 30K	0.18 to 0.99	1.0 to 30K	0.1 to 240	0.24 to 1100	1.0 to 82
PW-18	18	0.18 to 22K	0.18 to 0.99	1.0 to 22K	0.1 to 200	0.24 to 1100	1.0 to 70
PW-22	22	0.27 to 18K	0.27 to 1.3	1.5 to 12K	0.15 to 360	0.36 to 1800	1.0 to 120
PW-25	25	0.27 to 18K	0.27 to 1.3	1.5 to 10K	0.15 to 300	0.36 to 1200	1.5 to 100

Physical Data

Standard Configuration		Alternate Configuration					
Type	L ±0.03 (0.8)	W ±0.03 (0.8)	H ±0.03 (0.8)	D Dia. ±0.002 (0.05)	E ±0.03 (0.8)	LL min.	F (ref.)
PW-2	0.69 (17.5)	0.25 (6.35)	0.25 (6.35)	0.032 (0.8)	0.31 (7.87)	1.44 (36.6)	0.063 (1.6)
PW-3	0.88 (22.4)	0.31 (7.87)	0.31 (7.87)	0.036 (0.91)	0.38 (9.65)	1.44 (36.6)	0.063 (1.6)
PW-5	0.88 (22.4)	0.38 (9.65)	0.35 (8.89)	0.036 (0.91)	0.41 (10.4)	1.50 (38.1)	0.063 (1.6)
PW-7	1.39 (35.3)	0.38 (9.65)	0.35 (8.89)	0.036 (0.91)	0.47 (11.9)	1.50 (38.1)	0.125 (3.18)
PW-10	1.88 (47.8)	0.38 (9.65)	0.35 (8.89)	0.036 (0.91)	0.47 (11.9)	1.50 (38.1)	0.125 (3.18)
PW-15	1.88 (47.8)	0.50 (12.7)	0.50 (12.7)	0.036 (0.91)	0.63 (16.0)	1.50 (38.1)	0.125 (3.18)
PW-18	1.88 (47.8)	0.50 (12.7)	0.50 (12.7)	0.036 (0.91)	0.63 (16.0)	1.50 (38.1)	0.125 (3.18)
PW-22	2.50 (63.5)	0.50 (12.7)	0.50 (12.7)	0.040 (1.0)*	0.63 (16.0)	1.50 (38.1)	0.125 (3.18)
PW-25	2.50 (63.5)	0.50 (12.7)	0.50 (12.7)	0.040 (1.0)*	0.63 (16.0)	1.50 (38.1)	0.125 (3.18)

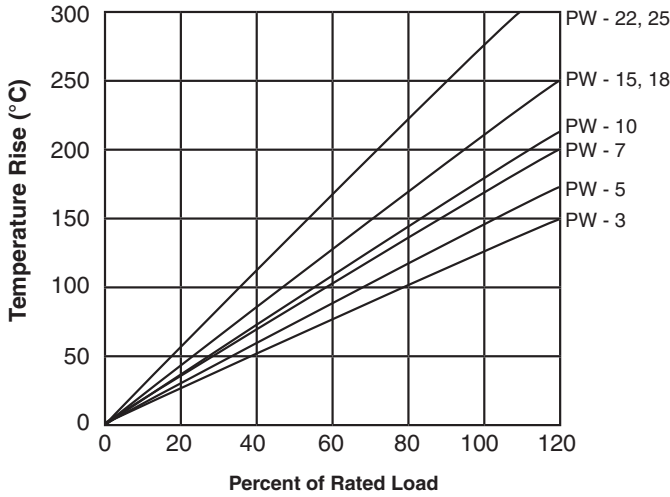
* Copper Clad Steel

General Note

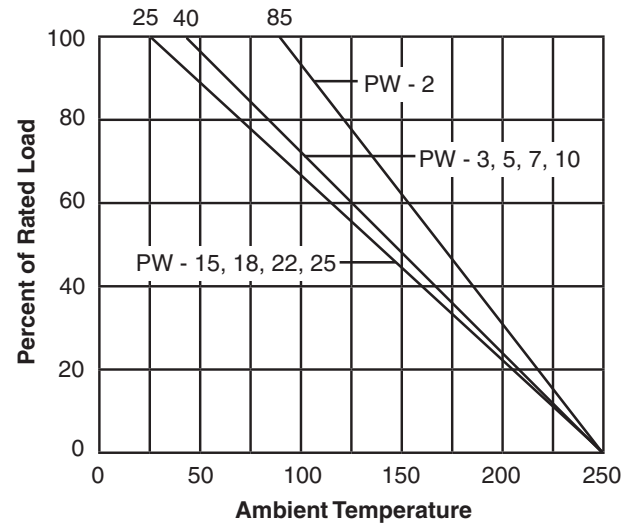
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PW Axial Series **OBSOLETE PW-2**

Temperature Rise Chart



Power Derating Curve



Ordering Procedure

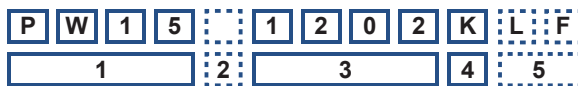
This product has two valid part numbers:

European (Welwyn) Part Number: PW15-12KKI (PW15, 12 kilohms ±10%, Pb-free)



1 Type	2 Configuration	3 Value	4 Tolerance	5 Packing & Termination Finish
PW2, PW3, PW5, PW7, PW10, PW15, PW18, PW22, PW25	Omit for Standard	R = ohms	J = ±5%	I = Standard packing & Pb-free
	A = Alternate	K = kilohms	K = ±10%	Bulk pack

USA (IRC) Part Number: PW151202KLF (PW15, 12 kilohms ±10%, Pb-free)



1 Type	2 Configuration	3 Value	4 Tolerance	5 Packing & Termination Finish
PW2, PW3, PW5, PW7, PW10, PW15, PW18, PW22, PW25	Omit for Standard	3 digits + multiplier	J = ±5%	Omit for SnPb
	A = Alternate	R = ohms for values <100 ohms	K = ±10%	LF = Pb-free
				Bulk pack

General Note

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