

Carbon Film Resistors, Special Purpose, High Voltage



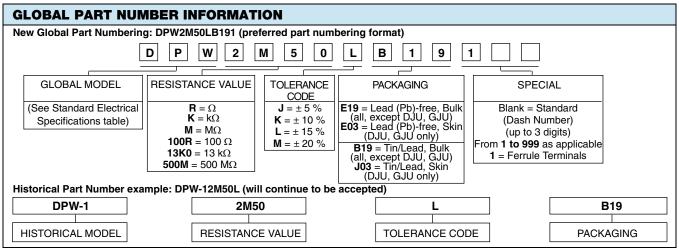
FEATURES

- Ratings to 100 W, 125 kV
- Available with either radial bands or ferrule terminals
- Standard models epoxy/enamel coated, additional vinyl heat shrink sleeve available for added protection
- Model G is non-inductive
- ± 20 % tolerance standard, tolerances of ± 15 %, ± 10 % and ± 5 % available
- See models B and T for general purpose high voltage carbon film resistors

STANDARD ELECTRICAL SPECIFICATIONS										
GLOBAL MODEL	HISTORICAL MODEL	POWER RATING P _{70 °C} W	MAXIMUM WORKING VOLTAGE (1) V	RESISTANCE RANGE ⁽²⁾ Ω	TOLERANCE (3) ± %	STYLE				
DJU	DJU	10	25K	50K to 500M	5, 10, 15, 20	3				
DPW	DPW	20	35K	100K to 500M	5, 10, 15, 20	3				
DPW1	DPW-1	20	35K	100K to 500M	5, 10, 15, 20	4				
DPX	DPX	30	65K	100K to 500M	5, 10, 15, 20	3	1			
DPX1	DPX-1	30	65K	100K to 500M	5, 10, 15, 20	4				
DVY	DVY	60	90K	400K to 500M	5, 10, 15, 20	3				
DVY1	DVY-1	60	90K	400K to 500M	5, 10, 15, 20	4				
DZW	DZW	35	40K	300K to 500M	5, 10, 15, 20	3				
DZW1	DZW-1	35	40K	300K to 500M	5, 10, 15, 20	4				
DZZ	DZZ	100	125K	700K to 500M	5, 10, 15, 20	3				
DZZ1	DZZ-1	100	125K	700K to 500M	5, 10, 15, 20	4	1			
GJU	GJU	10	16K	1K to 1M	5, 10, 15, 20	3				
GPW	GPW	20	18K	1K to 1M	5, 10, 15, 20	3	1			
GPW1	GPW-1	20	18K	1K to 1M	5, 10, 15, 20	4	1			
GPX	GPX	30	25K	1K to 1M	5, 10, 15, 20	3	ķ			
GPX1	GPX-1	30	25K	1K to 1M	5, 10, 15, 20	4	달			
GVY	GVY	60	30K	1K to 5M	5, 10, 15, 20	3	Non-Inductive			
GVY1	GVY-1	60	30K	1K to 5M	5, 10, 15, 20	4	1 =			
GZW	GZW	35	20K	1K to 1M	5, 10, 15, 20	3	Į			
GZW1	GZW-1	35	20K	1K to 1M	5, 10, 15, 20	4	1 -			
GZZ	GZZ	100	32K	1K to 10M	5, 10, 15, 20	3	1			
GZZ1	GZZ-1	100	32K	1K to 10M	5, 10, 15, 20	4	1			

Notes

- (1) Continuous working voltage shall be $\sqrt{P \times R}$ or maximum working voltage, whichever is less.
- $^{(2)}$ All resistance values are calibrated at 100 V_{DC} -calibration at other voltages available on request.
- $^{(3)}$ ± 20 % standard, ± 5 %, ± 10 %, and ± 15 % are available.



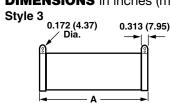
Note

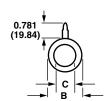
• For additional information on packaging, refer to the Through-Hole Resistor Packaging document (www.vishay.com/doc?31544).

www.vishay.com

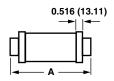
Vishay Dale

DIMENSIONS in inches (millimeters)







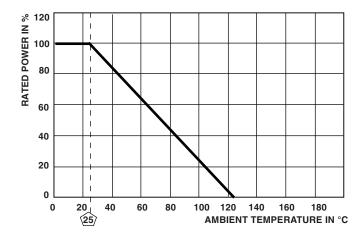




GLOBAL MODEL	STYLE	А	B ⁽¹⁾	С	D
DJU	3	4.50 (114.30)	0.750 (19.05)	0.50 (12.70)	N/A
DPW	3	6.50 (165.10)	1.13 (28.70)	0.75 (19.05)	N/A
DPW1	4	7.69 (195.33)	1.13 (28.70)	N/A	0.812 (20.62)
DPX	3	10.50 (266.70)	1.13 (28.70)	0.75 (19.05)	N/A
DPX1	4	11.69 (296.93)	1.13 (28.70)	N/A	0.812 (20.62)
DVY	3	14.50 (368.30)	1.50 (38.10)	1.13 (28.70)	N/A
DVY1	4	15.69 (398.53)	1.50 (38.10)	N/A	1.14 (28.96)
DZW	3	6.50 (165.10)	2.0 (50.80)	1.56 (39.62)	N/A
DZW1	4	7.69 (195.33)	2.0 (50.80)	N/A	1.14 (28.96)
DZZ	3	18.50 (469.90)	2.0 (50.80)	1.56 (39.62)	N/A
DZZ1	4	19.69 (500.13)	2.0 (50.80)	N/A	1.14 (28.96)
GJU	3	4.50 (114.30)	0.750 (19.05)	0.50 (12.70)	N/A
GPW	3	6.50 (165.10)	1.13 (28.70)	0.75 (19.05)	N/A
GPW1	4	7.69 (195.33)	1.13 (28.70)	N/A	0.812 (20.62)
GPX	3	10.50 (266.70)	1.13 (28.70)	0.75 (19.05)	N/A
GPX1	4	11.69 (296.93)	1.13 (28.70)	N/A	0.812 (20.62)
GVY	3	14.50 (368.30)	1.50 (38.10)	1.13 (28.70)	N/A
GVY1	4	15.69 (398.53)	1.50 (38.10)	N/A	1.14 (28.96)
GZW	3	6.50 (165.10)	2.0 (50.80)	1.56 (39.62)	N/A
GZW1	4	7.69 (195.33)	2.0 (50.80)	N/A	1.14 (28.96)
GZZ	3	18.50 (469.90)	2.0 (50.80)	1.56 (39.62)	N/A
GZZ1	4	19.69 (500.13)	2.0 (50.80)	N/A	1.14 (28.96)

Note

DERATING



MARKING

- Dale
- Model
- Value
- Tolerance
- Date code

 $^{^{(1)}}$ Dimensional tolerances are \pm 0.016" (0.406 mm) or \pm 1 %, whichever is greater.



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