

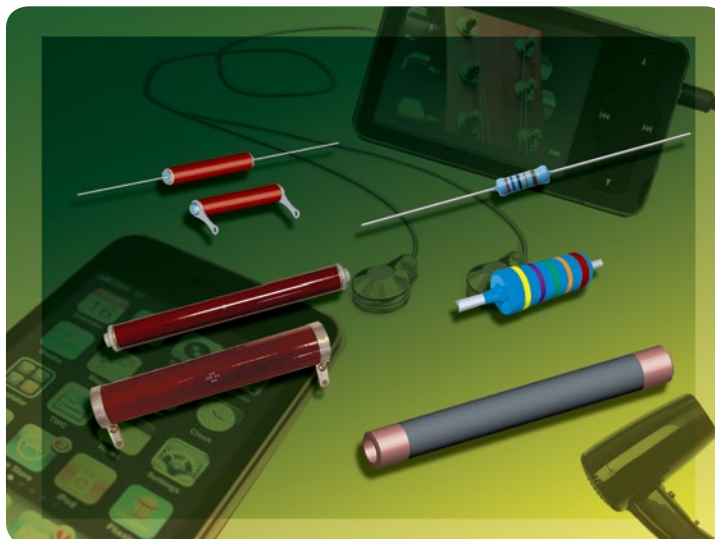


CARBON FILM RESISTORS

Resistive Products



An Overview of Vishay Carbon Film Resistors



KEY BENEFITS

- A wide range of power ratings (0.25 W to 120 W)
- A wide resistance range (0.22 Ω to 500 M Ω)
- Low/high temperature performance (- 55 $^{\circ}\text{C}$ to + 175 $^{\circ}\text{C}$)
- Tight tolerance (down to $\pm 1\%$)
- Low noise: - 10 dB
- Flameproof and fusible options

RESOURCES

- For technical questions on Dale Carbon Film products, contact ff2aresistors@vishay.com
- For technical questions on Draloric/BCComponents products, contact leadedresistors@vishay.com

Resistors - Wide Resistance Range

One of the World's Largest Manufacturers of
Discrete Semiconductors and Passive Components




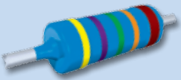
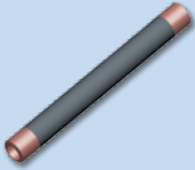


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Resistors - Wide Resistance Range

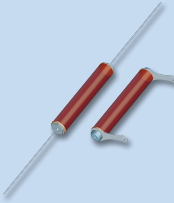

Product	Model	Wattage Ratings	Resistance Range	TCR ppm/°C	Tolerance	Application
 <p><u>LCA</u></p>	LCA0207	0.35	1 Ω – 1 MΩ 0.22 Ω – 5.1 MΩ	-200 to - 1200	± 2 % ± 5 %	<ul style="list-style-type: none"> • Entertainment • Consumer • Industrial • Communications • General purpose • Household equipment, appliances • TV • Video • Switches • Heating systems
	LCA0414	0.6	1 Ω – 1 MΩ 0.22 Ω – 10 MΩ			
 <p><u>CBB</u></p>	CBB0207	0.6	10 R – 1.5 M	- 250 to - 450	± 2 %	<ul style="list-style-type: none"> • Automotive • Telecom • Industrial equipment
 <p><u>SPW</u></p>	SPW236	120	50 Ω standard for all, other values available on special order	± 200 average ± 250 max.	± 2 %, ± 5 %	<ul style="list-style-type: none"> • TV, radio transmission • Dielectric heating • Special high power
	SPW227	55				
	SPW210	40				
	SPW214	10				
	SPW212	2				

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Resistors - Wide Resistance Range

Product	Model	Wattage Ratings	Resistance Range	TCR ppm/°C	Tolerance	Application
B, T 	BAEW	0.5	50 KΩ – 500 MΩ			
	BAKW	1.0	100 KΩ – 500 MΩ			
	BBF, BBFW	1.0	50 KΩ – 500 MΩ			
	BBM, BBMW	2.0	50 KΩ – 500 MΩ			
	BBR, BBRW	3.0	100 KΩ – 500 MΩ			
	BBV	5.0	200 KΩ – 500 MΩ			
	BFQ	4.0	100 KΩ – 500 MΩ			± 20 %, ± 15%, ± 10 %, ± 5 %
	BFT	6.0	200 KΩ – 500 MΩ			
	BFW	10.0	400 KΩ – 500 MΩ			
	TAEW	0.5	1 MΩ - 500 MΩ			
	TAFW	1.0	1 MΩ - 500 MΩ			
	TAKW	1.5	1 MΩ – 500 MΩ			
	TAOW	2.0	1 MΩ - 500 MΩ			
	TAQW	2.5	1 MΩ - 500 MΩ			
	TARW	3.0	1 MΩ - 500 MΩ			
D, G 	DJU	10.0	50 KΩ – 500 MΩ			
	DPW/DPW..1	20.0	100 KΩ – 500 MΩ			
	DPX/DPX..1	30.0	100 KΩ – 500 MΩ			
	DVY/DVY..1	60.0	400 KΩ – 500 MΩ			
	DZW/DZW..1	35.0	300 KΩ – 500 MΩ			
	DZZ/DZZ..1	100.0	700 KΩ – 500 MΩ			± 20 %, ± 15%, ± 10 %, ± 5 %
	GJU	10.0	1 KΩ – 1 MΩ			
	GPW/GPW..1	20.0	1 KΩ – 1 MΩ			
	GPX/GPX..1	30.0	1 KΩ – 1 MΩ			
	GVY/GVY..1	60.0	1 KΩ – 5 MΩ			
	GZW/GZW..1	35.0	1 KΩ – 1 MΩ			
	GZZ/GZZ.. 1	100.0	1 KΩ – 10 MΩ			



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Resistors - Wide Resistance Range

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