



Ceramic & Organic Washers

Resistor Washers are available in a wide variety of diameters to meet your application needs. The washers are utilized for capacitor charge and discharge, crowbar and impulse duty areas. They can be stacked together, forming a large resistor assembly to dissipate large amounts of energy.



GENERAL SPECIFICATIONS - Ceramic Washers

Model	Dimensions (Inches)			Resistance value [Ω]		Peak Power [W]	Peak Energy [Joules]	Peak Voltage [Maximum]
	Diameter	I.D	Length	Low	High			
83-WAAZ	1.10	0.64	0.5	0,800	3,100	3.8	1,509	5,000
83-WABZ	1.10	0.64	1.0	1,400	6,300	7.5	3,017	10,000
83-WBAY	1.32	0.44	0.5	0,350	1,600	7.0	2,900	5,000
83-WBBY	1.32	0.44	1.0	0,700	3,200	14.0	5,800	10,000
83-WCAW	1.95	0.78	0.5	0,180	790	15.1	6,021	5,000
83-WCBW	1.95	0.78	1.0	0,340	1,500	30.1	12,042	10,000
83-WDAU	2.55	0.70	0.5	0,100	440	27.1	10,857	5,000
83-WDBU	2.55	0.70	1.0	0,190	880	54.3	21,715	10,000
83-WEAW	3.50	0.78	0.5	0,045	210	54.9	21,944	5,000
83-WEBW	3.50	0.78	1.0	0,090	430	109.7	43,888	10,000
83-WFAW	4.38	0.78	0.5	0,040	130	87.5	35,015	5,000
83-WFBW	4.38	0.78	1.0	0,060	270	175.1	70,030	10,000
83-WHAR	4.41	1.03	0.5	0,030	135	86.2	34,490	5,000
83-WHBR	4.41	1.03	1.0	0,060	275	172.5	68,980	10,000
83-WHAT	4.41	1.34	0.5	0,030	140	82.8	33,100	5,000
83-WHBT	4.41	1.34	1.0	0,060	285	165.5	66,210	10,000
83-WIAT	5.00	1.34	0.5	0,030	105	109.3	43,730	5,000
83-WIBT	5.00	1.34	1.0	0,050	210	218.7	87,470	10,000
83-WIAQ	5.00	1.50	0.5	0,025	110	107.2	42,880	5,000
83-WIBQ	5.00	1.50	1.0	0,050	220	214.4	85,760	10,000
83-WGAV	5.30	1.40	0.5	0,025	85	132.9	53,165	5,000
83-WGBV	5.30	1.40	1.0	0,050	175	265.8	106,331	10,000
83-WJAR	5.94	1.03	0.5	0,020	70	161.3	64,500	5,000
83-WJBR	5.94	1.03	1.0	0,030	145	322.5	129,010	10,000
83-WJAT	5.94	1.34	0.5	0,020	75	157.8	63,120	5,000
83-WJBT	5.94	1.34	1.0	0,035	150	315.6	126,240	10,000
83-WKAR	5.98	1.03	0.5	0,020	70	163.5	65,400	5,000
83-WKBR	5.98	1.03	1.0	0,030	140	327.0	130,810	10,000

*Note : Part Number plus the Resistance Code is used for specifying a particular part.

The Resistance code is defined by the first two numbers of the resistance value, followed by a single number multiplier, and the resistance tolerance (20% is L, 10% is K, 5% is J). When the resistance is less than 10 ohms, the multiplier is not used and replaced by an "R".

For example a 3.50" x 0.780" X 0.5" Ceramic Resistor Washer at 100 ohms +/-10% would be qualified as "83-DEA-101K, and a 4.38" x 0.78" X 1.0" Ceramic Resistor Washer at 2.5 ohms +/-20% is 83-WFBW-2R5L.



GENERAL SPECIFICATIONS - Organic Washers

Part No.	Dimensions (Inches)			Resistance value [Ω]		Peak Power [W]	Peak Energy [Joules]	Peak Voltage (Maximum)
	Diameter	I.D	Length	Low	High			
84-WAAZ	1.19	0.689	0.5	0.040	500 M	3.7	35	4,000
84-WABZ	1.19	0.689	1.0	0.070	990 M	7.4	70	8,000
84-WBAY	1.42	0.470	0.5	0.015	280 M	7.0	67	4,000
84-WBBY	1.42	0.470	1.0	0.030	560 M	14.0	134	8,000
84-WCAW	2.10	0.840	0.5	0.008	136 M	14.1	134	4,000
84-WCBW	2.10	0.840	1.0	0.015	273 M	28.3	269	8,000
84-WDAU	2.74	0.750	0.5	0.005	72 M	27.5	261	4,000
84-WDBU	2.74	0.750	1.0	0.009	144 M	55.0	522	8,000
84-WEAW	3.75	0.845	0.5	0.003	37 M	52.4	498	4,000
84-WEBW	3.75	0.845	1.0	0.005	75 M	104.8	996	8,000
84-WFAW	4.62	0.845	0.5	0.003	24 M	81.2	771	4,000
84-WFBW	4.62	0.845	1.0	0.004	48 M	162.4	1,543	8,000
84-WGAV	5.65	1.500	0.5	0.002	17 M	114.3	1,086	4,000
84-WGBV	5.65	1.500	1.0	0.003	34 M	228.6	2,172	8,000

*Note : Part Number plus the Resistance Code is used for specifying a particular part.

The Resistance code is defined by the first two numbers of the resistance value, followed by a single number multiplier, and the resistance tolerance (20% is L, 10% is K, 5% is J). When the resistance is less than 10 ohms, the multiplier is not used and replaced by an "R".

For example a 4.63" X 0.5" Organic Resistor Disc at 1Meg-ohm +/-10% would be qualified as "84-DFA-105K, and a 2.75" x 0.75" X 1.0" Organic Resistor Washer at 2.5 ohms +/-20% is 84-WDBW-2R5L.