

Ceramic & Organic Discs

Resistor discs are available in a wide variety of diameters to meet your application needs.

The discs are utilized for capacitor charge and discharge, crowbar and impulse duty areas.



GENERAL SPECIFICATIONS

Part No.	Type	Dimensions (Inches)			Resistance value [Ω]		Peak Power [W]	Peak Energy [Joules]	Peak Voltage (Maximum)
		Diameter	I.D	Length	Low	High			
83-DCA	Ceramic Discs	1.95	-	0.5	0.150	660	17.9	7,168	5,000
83-DCB		1.95	-	1.0	0.300	1,300	35.8	14,335	10,000
83-DEA		3.50	-	0.5	0.050	200	57.7	23,091	5,000
83-DEB		3.50	-	1.0	0.100	400	115.5	46,182	10,000
83-DFA		4.38	-	0.5	0.040	130	90.4	36,162	5,000
83-DFB		4.38	-	1.0	0.080	260	180.8	72,324	10,000
84-DCA	Organic Discs	2.10	-	0.5	0.007	117 M	16.9	161	4,000
84-DCB		2.10	-	1.0	0.001	235 M	33.8	321	8,000
84-DEA		3.75	-	0.5	0.002	36 M	55.2	525	4,000
84-DEB		3.75	-	1.0	0.004	72 M	110.4	1,049	8,000
84-DFA		4.63	-	0.5	0.002	23 M	84.0	798	4,000
84-DFB		4.63	-	1.0	0.004	47 M	168.0	1,596	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".

- (1) For example a 3.50" X 1.0" Ceramic Resistor Disc at 100 ohms +/-10% would be qualified as "83-DEA-101K, and a 4.38" x 0.5" Ceramic Resistor Washer at 2.5 ohms +/-20% is 83-DFA-2R5L.
- (2) For example a 4.63" X 0.5" Organic Resistor Disc at 1Meg-ohm +/-10% would be qualified as "84-DFA-105K, and a 3.75" X 1.0" Organic Resistor Washer at 2.5 ohms +/-20% is 84-DEB-2R5L.