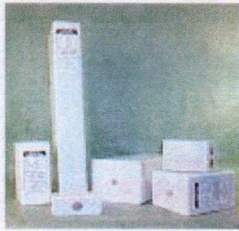


**Series DE - High Voltage Pulse Discharge Capacitors**



Double-Ended Plastic Case  
High Voltage Capacitors, 5 kV to 50 kV  
Inductance less than 100 nH

Don't see the capacitor you're looking for? We have thousands of designs in our database. Please contact us.

Part Number	Cap Rating (μF)	Voltage Rating (kV)	Max Peak Current (kA)	Max RMS Current (A)	Design Life (20% VR)	Operating Temp Range (°C)	Approx. Inductance (nH)
31687	0.040	36	25	25	1 x 10 <sup>8</sup>	-30 to +65	40
31677	0.045	40	25	25	3 x 10 <sup>7</sup>	-30 to +65	80
31383	0.060	40	25	25	1 x 10 <sup>8</sup>	-10 to +40	90
31662	0.090	40	25	25	1 x 10 <sup>8</sup>	-10 to +40	80
31981	0.100	40	25	25	1 x 10 <sup>8</sup>	-10 to +40	60
37218	0.010	45	10	65	3 x 10 <sup>8</sup>	-30 to +65	60
31583	0.015	45	25	25	4 x 10 <sup>8</sup>	-30 to +65	60
37093	0.020	45	25	30	4 x 10 <sup>8</sup>	-30 to +65	50
31507	0.030	45	25	30	2 x 10 <sup>8</sup>	-10 to +40	50
37600	2.000	5	25	25	1 x 10 <sup>8</sup>	-30 to +65	20
37696	0.250	10	25	40	3 x 10 <sup>8</sup>	-30 to +65	20
37636	0.500	10	25	25	1 x 10 <sup>8</sup>	-30 to +65	20
37612	0.050	25	25	25	1 x 10 <sup>8</sup>	-30 to +65	20
37618	0.050	30	25	25	1 x 10 <sup>8</sup>	-30 to +65	20
37623	0.030	35	25	25	1 x 10 <sup>8</sup>	-30 to +65	20
37628	0.015	40	25	25	1 x 10 <sup>8</sup>	-30 to +65	20
37635	0.007	50	25	25	1 x 10 <sup>8</sup>	-30 to +65	20
37633	0.010	50	25	25	1 x 10 <sup>8</sup>	-30 to +65	20
37634	0.0125	50	25	25	1 x 10 <sup>8</sup>	-30 to +65	20

**Double-Ended High Voltage Capacitors (continued)**

Part Number	Cap Rating (μF)	Case Dimensions H x W x L (Millimeters)	Case Dimensions H x W x L (Inches)	Aprox. Weight (kgs)	Approx. Weight (lbs)	Outline Drawing
31687	0.040	102 x 153 x 142	4.0 x 6.0 x 5.6	2.8	6.1	B1
31677	0.045	102 x 153 x 244	4.0 x 6.0 x 9.6	4.2	9.3	B1
31393	0.080	102 x 153 x 244	4.0 x 6.0 x 9.6	5.0	11.0	B1
31662	0.090	102 x 153 x 330	4.0 x 6.0 x 13.0	6.5	14.4	B1
31981	0.100	102 x 153 x 267	4.0 x 6.0 x 10.5	5.5	12.0	B1
37218	0.010	102 x 153 x 216	4.0 x 6.0 x 8.5	4.0	8.8	B1
31583	0.015	102 x 153 x 216	4.0 x 6.0 x 8.5	4.6	10.2	B1
37093	0.020	102 x 153 x 229	4.0 x 6.0 x 9.0	5.0	11.0	B1
31507	0.030	102 x 153 x 216	4.0 x 6.0 x 8.5	4.4	9.7	B1
37600	2.000	58 x 150 x 77	2.3 x 5.9 x 3.0	0.9	2.0	B2
37686	0.250	58 x 150 x 133	2.3 x 5.9 x 5.25	1.6	3.4	B2
37636	0.500	58 x 150 x 102	2.3 x 5.9 x 4.0	1.3	2.9	B2
37612	0.050	58 x 150 x 77	2.3 x 5.9 x 3.0	0.9	2.0	B2
37618	0.050	58 x 150 x 102	2.3 x 5.9 x 4.0	1.1	2.5	B2
37623	0.030	58 x 150 x 102	2.3 x 5.9 x 4.0	1.2	2.6	B2
37628	0.015	58 x 150 x 77	2.3 x 5.9 x 3.0	0.9	2.0	B2
37635	0.007	58 x 150 x 127	2.3 x 5.9 x 5.0	1.4	3.1	B2
37633	0.010	58 x 150 x 102	2.3 x 5.9 x 4.0	1.1	2.5	B2
37634	0.0125	58 x 150 x 102	2.3 x 5.9 x 4.0	1.1	2.5	B2

Specifications are subject to change without prior notice.