

Sr No	Description / Specifications / Cat / Part no of Specific / Technical / Administrative Stores.	Qty Required
1	2	3
2	High Voltage Capacitor (100kV,40nF) Specifications: Capacitance: 40 nF, Non polar Rated Voltage: 100kV, Low Inductance: < 20nH, Low ESR Current: 25KA, Tolerance: ±10% Hold Time Full Charge: 1hour Shape: Rectangular, Dimensions (HXWXL): (58X150X191mm) ±10%. Operating Orientation : All orientations Storage Temperature: 45°C Operating Temp: -10°C to +40°C Design Life at Rated Voltage : 10 ⁴ to 10 ⁵ shots, Shelf Life: 10 years Configuration: Double ended, plastic casing with output terminal rails, non-polar DC capacitors Recommended Brands: General Atomics(35473), Pulsark, Mianzhu Xinan or Equivalent To verify the parameters, the sample will be tested before the final delivery	20 Nos.

Signature

Series PDS/PDSS - Fast Pulse Capacitors



- Double-ended plastic case capacitors
 - Low inductance, low ESR
 - Sub-microsecond pulse rise-time to 100 kV
- If you don't see the capacitor you are looking for, please contact us to discuss your specific requirements.

Part Number	Cap. Rating (nF)	Voltage Rating (kV)	Rated Peak Current (kA)	Rated Voltage (kV)	Reversal Rate (%)	Design Life (at Temp) (hrs)	Operating Temp. Range (°C)	Approx. Inductance (nH)	Case Dimensions H x W x L	Approx. Weight (g)	Outline Drawing (pdf)
35460	8	100	25	20	1×10^{-5}	-10 to +40	6	2.3 x 5.9 x 5.75 in (58 x 150 x 146 mm)	4.3 lbs (2.0 kgs)	B3	
35467	20	100	25	10	1×10^{-5}	-10 to +40	6	2.3 x 5.9 x 5.75 in (58 x 150 x 146 mm)	4.3 lbs (2.0 kgs)	B3	
35473	40	100	25	10	5×10^{-4}	-10 to +40	10	2.3 x 5.9 x 7.5 in (58 x 150 x 191 mm)	5.7 lbs (2.6 kgs)	B3	
35479	80	100	25	10	4×10^{-4}	-10 to +40	8	2.3 x 5.9 x 9.5 in (58 x 150 x 241 mm)	7.3 lbs (3.3 kgs)	B3	
35478	80	100	60	30	5×10^{-4}	-10 to +40	10	4.0 x 6.0 x 9.5 in (102 x 152 x 241 mm)	12.9 lbs (5.9 kgs)	B4	
35462	100	100	25	10	3.4×10^{-4}	-10 to +40	10	2.3 x 5.9 x 12.5 in (58 x 150 x 318 mm)	9.6 lbs (4.4 kgs)	B3	
35477	100	100	50	45	5×10^{-3}	-10 to +40	10	4.0 x 6.0 x 9.5 in (102 x 152 x 241 mm)	12.9 lbs (5.9 kgs)	B4	

Must be immersed in oil or electric gas (14 psia)

