GENERAL ATOMICS
ELECTRONIC SYSTEMS

DP系列 高壓電容器

Series DP - General Purpose Pulse Capacitors

Features

- High Voltage Pulse Discharge Capacitors
- Lasers, Flash Lamps, Other Pulse Circuits
- Moderate to Long Life

Specifications

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)
30542	50	2.0	25	25	5×10^7	-30 to +65	100
30543	100	2.0	25	25	6×10^6	-30 to +65	120
39504	185	3.0	25	25	5×10^4	-10 to +40	160
30545	10	3.5	25	25	1×10^6	-30 to +65	50
30549	50	3.5	25	25	1×10^6	-30 to +65	120
30550	10	5.0	25	25	4×10^5	-30 to +65	90
30552	50	5.0	25	25	2×10^5	-30 to +65	170
30665	20	7.5	25	25	1×10^5	-30 to +65	90
39741	2	15.0	25	25	2.5×10^5	-30 to +65	110

Drawn Metal Can 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)	Approx. Weight (kgs)	Approx. Weight (lbs)	Outline Drawing
30542	50	73 x 116 x 197	2.88 x 4.56 x 7.75	2.3	5.0	D1
30543	100	96 x 116 x 197	3.75 x 4.56 x 7.75	3.5	7.6	D1
39504	185	96 x 116 x 267	3.75 x 4.56 x 10.5	5.0	11.0	D1
30545	10	49 x 74 x 175	1.91 x 2.91 x 6.88	0.8	1.7	D2
30549	50	96 x 116 x 184	3.75 x 4.56 x 7.25	2.7	6.0	D1
30550	10	50 x 93 x 184	1.96 x 3.66 x 7.25	1.1	2.4	D2
30552	50	96 x 116 x 267	3.75 x 4.56 x 10.5	4.0	8.7	D1
30665	20	96 x 116 x 267	3.75 x 4.56 x 10.5	4.5	10.0	D1
39741	2	81 x 86 x 175	3.19 x 3.75 x 6.88	1.9	4.2	D1

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