GENERAL ATOMICS
ELECTRONIC SYSTEMS

S/SS系列 高壓電容器

Series S / SS High Voltage 1 pps Capacitors

Features

- Single-Ended Plastic Case Capacitors
- High Voltage, Compact, Low Inductance
- Rep-Rate 1 Hz

Single-Ended 1 pps High Voltage Capacitors

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)
31150	0.50	30	25	25	1×10^5	-10 to +40	20
31151	0.60	30	25	25	1×10^5	-10 to +40	20
31158	1.00	40	25	25	1×10^5	-10 to +40	20
31159	0.15	50	25	25	1×10^5	-10 to +40	20
31160	0.22	50	25	25	1×10^5	-10 to +40	20
31176	0.20	60	20	20	5×10^5	-10 to +40	20
31165	0.04	100*	25	25	3×10^4	-10 to +40	20
31190	0.08	100*	25	25	3×10^4	-10 to +40	20
31235	0.30	100*	25	25	1×10^4	-10 to +40	20
31427	0.40	100*	25	25	1.5×10^4	-10 to +40	20

Single-Ended 1 pps 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
31150	0.50	58 x 150 x 248	2.3 x 5.9 x 9.8	2.7	6.0	A
31151	0.60	58 x 150 x 299	2.3 x 5.9 x 11.8	3.4	7.5	A
31158	1.00	58 x 150 x 706	2.3 x 5.9 x 27.8	8.4	18.5	A
31159	0.15	58 x 150 x 248	2.3 x 5.9 x 9.8	2.7	6.0	A
31160	0.22	58 x 150 x 299	2.3 x 5.9 x 11.8	3.4	7.5	A
31176	0.20	58 x 150 x 324	2.3 x 5.9 x 12.8	3.6	8.0	B
31165	0.04	58 x 150 x 274	2.3 x 5.9 x 10.8	3.0	6.5	B
31190	0.08	58 x 150 x 324	2.3 x 5.9 x 12.8	3.6	8.0	B
31235	0.30	58 x 150 x 731	2.3 x 5.9 x 28.8	8.6	19.0	B
31427	0.40	102 x 153 x 737	4.0 x 6.0 x 29.0	15.0	33.0	C

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