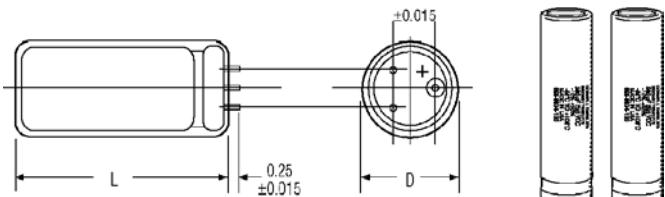


Radial Aluminum Electrolytic Capacitors

CORNELL DUBLIER
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Radial, 105°C, Type 330



The Type 330 is the ultra-long-life version of the Type 300 capacitor. With an astonishing, 50,000-hour expected life operating continuously at full load and 65°C the 330 is the choice for power-supply outputs and UPS battery stiffening. The exceptionally low ESRs enable high ripple-current capability. With series inductance of 12 to 16 nH and ripple currents to 16 amps one of these capacitors can save by replacing three or four of the 12.5 mm diameter capacitors usually at the output of switching power supplies. Type 330 has three leads for rugged, reverse-proof mounting. **Insulation:** PVC. **Capacitance:** 270 µF to 33,000 µF. **Voltage:** 6.3 to 250 VDC. **Operating Temperature:** -55°C to 105°C. **Life Test:** 10,000 hours at full load at 85°C. **Shelf Test:** 500 hours at 105°C. **DCL:** ≤ 0.5 √cv µA, 4 mA max., 5 mA min.

10 VDC (15 VDC Surge)

Stock No.	Mfr.'s Type	Cap. µF	Max. ESR mΩ @ 25°C		Ripple Amps Max. @ 85°C		Nominal Size D × L (in.)	EACH
			120 Hz	20 kHz	120 Hz	20 kHz		
862-5004	330153U010HS2	15000	23.7	13.7	7.66	9.49	0.895 × 3.15	21.15
862-5008	330183U010JP2	18000	24.1	15.4	7.48	8.81	1.020 × 2.65	22.57
862-5012	330223U010JS2	22000	20.1	12.8	8.90	10.50	1.020 × 3.15	25.20
862-5016	330273U010JT2	27000	17.5	11.2	10.30	12.10	1.020 × 3.65	25.72

16 VDC (25 VDC Surge)

Stock No.	Mfr.'s Type	Cap. µF	Max. ESR mΩ @ 25°C		Ripple Amps Max. @ 85°C		Nominal Size D × L (in.)	EACH
			120 Hz	20 kHz	120 Hz	20 kHz		
862-5024	330123U016HS2	12000	24.4	14.1	7.55	9.35	0.895 × 3.15	21.15
862-5028	330153U016JP2	15000	24.7	15.3	7.39	8.85	1.020 × 2.65	22.57
862-5032	330183U016JS2	18000	20.5	12.7	8.80	10.50	1.020 × 3.15	25.20
862-5036	330223U016JT2	22000	17.9	11.1	10.10	12.10	1.020 × 3.65	25.72

16 VDC (25 VDC Surge)

Stock No.	Mfr.'s Type	Cap. µF	Max. ESR mΩ @ 25°C		Ripple Amps Max. @ 85°C		Nominal Size D × L (in.)	EACH
			120 Hz	20 kHz	120 Hz	20 kHz		
862-5044	330822U025HS2	8200	25.8	13.7	7.34	9.50	0.895 × 3.15	21.15
862-5048	330103U025JP2	10000	26.0	15.6	7.20	8.77	1.020 × 2.65	22.57
862-5052	330123U025JS2	12000	21.6	12.9	8.59	10.50	1.020 × 3.15	25.20
862-5056	330153U025JT2	15000	18.7	11.2	9.90	12.10	1.020 × 3.65	25.72

25 VDC (35 VDC Surge)

Stock No.	Mfr.'s Type	Cap. µF	Max. ESR mΩ @ 25°C		Ripple Amps Max. @ 85°C		Nominal Size D × L (in.)	EACH
			120 Hz	20 kHz	120 Hz	20 kHz		
862-5044	330822U025HS2	8200	25.8	13.7	7.34	9.50	0.895 × 3.15	21.15
862-5048	330103U025JP2	10000	26.0	15.6	7.20	8.77	1.020 × 2.65	22.57
862-5052	330123U025JS2	12000	21.6	12.9	8.59	10.50	1.020 × 3.15	25.20
862-5056	330153U025JT2	15000	18.7	11.2	9.90	12.10	1.020 × 3.65	25.72

40 VDC (60 VDC Surge)

Stock No.	Mfr.'s Type	Cap. µF	Max. ESR mΩ @ 25°C		Ripple Amps Max. @ 85°C		Nominal Size D × L (in.)	EACH
			120 Hz	20 kHz	120 Hz	20 kHz		
862-5064	330562U040HS2	5600	29.7	14.3	6.84	9.31	0.895 × 3.15	21.15
862-5068	330682U040JP2	6800	29.4	16.2	6.77	8.61	1.020 × 2.65	22.57
862-5072	330822U040JS2	8200	24.3	13.4	8.09	10.30	1.020 × 3.15	25.20
862-5076	330103U040JT2	10000	21.0	11.5	9.35	11.90	1.020 × 3.65	25.72

63 VDC (90 VDC Surge)

Stock No.	Mfr.'s Type	Cap. µF	Max. ESR mΩ @ 25°C		Ripple Amps Max. @ 85°C		Nominal Size D × L (in.)	EACH
			120 Hz	20 kHz	120 Hz	20 kHz		
862-5084	330272U063JL2	2700	49.5	21.8	4.70	6.68	1.020 × 2.15	20.10
862-5088	330332U063HS2	3300	39.5	15.0	5.94	9.08	0.895 × 3.15	21.15
862-5092	330472U063JS2	4700	31.1	13.7	7.15	10.20	1.020 × 3.15	25.20
862-5096	330562U063JT2	5600	26.7	11.7	8.30	11.80	1.020 × 3.65	25.72

75 VDC (100 VDC Surge)

Stock No.	Mfr.'s Type	Cap. µF	Max. ESR mΩ @ 25°C		Ripple Amps Max. @ 85°C		Nominal Size D × L (in.)	EACH
			120 Hz	20 kHz	120 Hz	20 kHz		
862-5100	330182U075GT2	1800	62.7					