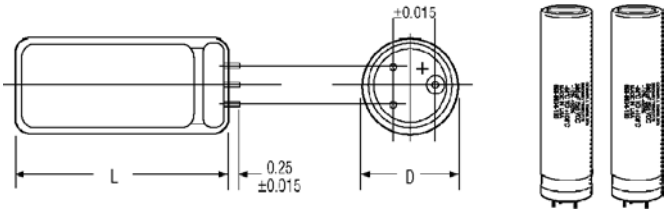


Radial, 105°C, Type 330



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 routinely at the output of switching power supplies. Type 330 has three leads for rugged, reverse-proof mounting. **Insulation:** PVC. **Capacitance:** 270  $\mu$ F to 33,000  $\mu$ F. **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:**  $\leq 0.5 \sqrt{cv}$   $\mu$ A, 4 mA max., 5 mA min.

10 VDC (15 VDC Surge)									
Stock No.	Mfr.'s Type	Cap. $\mu$ F	Max. ESR m $\Omega$ @ 25°C		Ripple Amps Max. @ 85°C		Nominal Size D $\times$ 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 $\times$ 3.15		21.15
862-5008	330183U010JP2	18000	24.1	15.4	7.48	8.81	1.020 $\times$ 2.65		22.57
862-5012	330223U010JS2	22000	20.1	12.8	8.90	10.50	1.020 $\times$ 3.15		25.20
862-5016	330273U010JT2	27000	17.5	11.2	10.30	12.10	1.020 $\times$ 3.65		25.72

16 VDC (25 VDC Surge)									
862-5024	330123U016HS2	12000	24.4	14.1	7.55	9.35	0.895 $\times$ 3.15		21.15
862-5028	330153U016JP2	15000	24.7	15.3	7.39	8.85	1.020 $\times$ 2.65		22.57
862-5032	330183U016JS2	18000	20.5	12.7	8.80	10.50	1.020 $\times$ 3.15		25.20
862-5036	330223U016JT2	22000	17.9	11.1	10.10	12.10	1.020 $\times$ 3.65		25.72

25 VDC (35 VDC Surge)									
862-5044	330822U025HS2	8200	25.8	13.7	7.34	9.50	0.895 $\times$ 3.15		21.15
862-5048	330103U025JP2	10000	26.0	15.6	7.20	8.77	1.020 $\times$ 2.65		22.57
862-5052	330123U025JS2	12000	21.6	12.9	8.59	10.50	1.020 $\times$ 3.15		25.20
862-5056	330153U025JT2	15000	18.7	11.2	9.90	12.10	1.020 $\times$ 3.65		25.72

40 VDC (60 VDC Surge)									
862-5064	330562U040HS2	5600	29.7	14.3	6.84	9.31	0.895 $\times$ 3.15		21.15
862-5068	330682U040JP2	6800	29.4	16.2	6.77	8.61	1.020 $\times$ 2.65		22.57
862-5072	330822U040JS2	8200	24.3	13.4	8.09	10.30	1.020 $\times$ 3.15		25.20
862-5076	330103U040JT2	10000	21.0	11.5	9.35	11.90	1.020 $\times$ 3.65		25.72

63 VDC (90 VDC Surge)									
862-5084	330272U063JL2	2700	49.5	21.8	4.70	6.68	1.020 $\times$ 2.15		20.10
862-5088	330332U063HS2	3300	39.5	15.0	5.94	9.08	0.895 $\times$ 3.15		21.15
862-5092	330472U063JS2	4700	31.1	13.7	7.15	10.20	1.020 $\times$ 3.15		25.20
862-5096	330562U063JT2	5600	26.7	11.7	8.30	11.80	1.020 $\times$ 3.65		25.72

75 VDC (100 VDC Surge)									
862-5100	330182U075GT2	1800	62.7	27.0	4.62	6.64	0.770 $\times$ 3.65		21.82
862-5104	330222U075JL2	2200	60.8	30.4	4.24	5.65	1.020 $\times$ 2.15		20.10
862-5108	330272U075JP2	2700	46.4	23.2	5.39	7.18	1.020 $\times$ 2.65		22.57
862-5112	330332U075JS2	3300	37.9	19.0	6.47	8.63	1.020 $\times$ 3.15		25.20
862-5116	330392U075JT2	3900	32.4	16.2	7.53	10.00	1.020 $\times$ 3.65		25.72

100 VDC (140 VDC Surge)									
862-5120	330821U100GT2	820	99.5	37.8	3.67	5.61	0.770 $\times$ 3.65		21.82
862-5124	330102U100JL2	1000	92.7	37.1	3.43	5.12	1.020 $\times$ 2.15		20.10
862-5128	330122U100JP2	1200	70.3	28.1	4.38	6.53	1.020 $\times$ 2.65		22.57
862-5132	330152U100JS2	1500	57.0	22.8	5.28	7.87	1.020 $\times$ 3.15		25.20
862-5136	330222U100JT2	2200	48.3	19.3	6.17	9.19	1.020 $\times$ 3.65		25.72

200 VDC (250 VDC Surge)									
862-5140	330331T200HP2	330	358.0	165.0	1.81	2.51	0.895 $\times$ 2.65		22.87
862-5142	330391T200JL2	390	339.0	156.0	1.79	2.49	1.020 $\times$ 2.15		23.10
862-5144	330471T200JP2	470	255.0	117.0	2.30	3.19	1.020 $\times$ 2.65		25.95
862-5146	330561T200JS2	560	205.0	94.4	2.78	3.87	1.020 $\times$ 3.15		28.95
862-5148	330681T200JT2	680	172.0	79.1	3.27	4.54	1.020 $\times$ 3.65		29.55

250 VDC (300 VDC Surge)									
862-5150	330271T250JL2	270	400.0	168.0	1.65	2.40	1.020 $\times$ 2.15		23.10
862-5152	330331T250HS2	330	340.0	143.0	2.02	2.94	0.895 $\times$ 3.15		24.30
862-5154	330391T250JP2	390	301.0	126.0	2.12	3.08	1.020 $\times$ 2.65		25.95
862-5156	330471T250JS2	470	242.0	102.0	2.56	3.73	1.020 $\times$ 3.15		28.95
862-5158	330561T250JT2	560	202.0	85.0	3.01	4.38	1.020 $\times$ 3.65		29.55

Type DCMC High-Capacitance Computer Grade 85°C



Type DCMC capacitors are the choice for high-capacitance, power supply filters and energy storage applications such as welding equipment, UPS systems and computer hold-up power where high capacitance, low ESR and the ability to handle large ripple currents are the hallmarks. The extended cathode foil of the DCMC assures cool operation with heat flow from the capacitor element to the can. **Operating Temperature:** -40°C to 85°C. **Rated Voltage:** 200 to 450. **Capacitance:** 270  $\mu$ F to 51,000  $\mu$ F. **Capacitance Tolerance:** -10 +50%. **Leakage Current:**  $\leq 6 \sqrt{cv}$   $\mu$ A (6 mA max.) at 5 minutes. **Cold Impedance:** -20°C multiple of 25°C Z  $\leq 3$ .

200 VDC (250 VDC Surge)						
Stock No.	Mfr.'s Type	Cap. $\mu$ F	Max. ESR m $\Omega$ @ 25°C	Ripple Amps Max. @ 85°C	Nominal Size D $\times$ L (In.)	EACH
			120 Hz	120 Hz		
862-5200	DCMC102T200AA2B	1000	140.3	2.6	1 $\frac{3}{8}$ $\times$ 2 $\frac{1}{8}$	12.30
862-5201	DCMC182T200AB2B	1800	78.5	4.1	1 $\frac{3}{8}$ $\times$ 3 $\frac{1}{8}$	16.35

862-5202	DCMC272T200AC2B	2700	51.7	6.2	1 $\frac{3}{8}$ $\times$ 4 $\frac{1}{8}$	21.15
862-5203	DCMC432T200BB2B	4300	46.1	7.1	2 $\times$ 3 $\frac{1}{8}$	30.80
862-5204	DCMC692T200BC2B	6900	28.5	9.7	2 $\times$ 4 $\frac{1}{8}$	44.15
862-5205	DCMC103T200BF2B	10000	19.6	11.7	2 $\times$ 5 $\frac{1}{8}$	59.90
862-5206	DCMC113T200CC2B	11000	20.3	12.7	2 $\frac{1}{2}$ $\times$ 4 $\frac{1}{8}$	65.75
862-5207	DCMC133T200DJ2B	13000	23.7	12.0	3 $\times$ 3 $\frac{1}{8}$	77.70
862-5208	DCMC153T200CF2B	15000	13.7	16.5	2 $\frac{1}{2}$ $\times$ 5 $\frac{1}{8}$	86.55
862-5209	DCMC223T200DE2B	22000	14.8	18.2	3 $\times$ 5 $\frac{1}{8}$	122.50
862-5210	DCMC243T200DF2B	24000	13.3	19.5	3 $\times$ 5 $\frac{1}{8}$	132.45
862-5211	DCMC313T200FF2B	31000	12.0	21.6	3 $\frac{1}{2}$ $\times$ 5 $\frac{1}{8}$	182.75

862-5212	DCMC373T200DG2B	37000	9.6	25.2	3 $\times$ 8 $\frac{1}{8}$	199.65
862-5213	DCMC513T200FG2D	51000	7.9	31.1	3 $\frac{1}{2}$ $\times$ 8 $\frac{1}{8}$	289.50

250 VDC (300 VDC Surge)					
862-5214	DCMC821T250AA2B	820	156.4	2.5	1 $\frac{3}{8}$ $\times$ 2 $\frac{1}{8}$
862-5215	DCMC152T250AB2B	1500	88.0	4.1	1 $\frac{3}{8}$ $\times$ 3 $\frac{1}{8}$
862-5216	DCMC232T250AC2B	2300	57.9	5.9	1 $\frac{3}{8}$ $\times$ 4 $\frac{1}{8}$
862-5217	DCMC332T250BB2B	3300	46.2	7.1	2 $\times$ 3 $\frac{1}{8}$
862-5218	DCMC472T250BC2B	4700	31.5	8.9	2 $\times$ 4 $\frac{1}{8}$
862-5219	DCMC682T250BF2B	6800	21.2	11.9	2 $\times$ 5 $\frac{1}{8}$
862-5220	DCMC782T250DB2B	7800	27.6	10.9	3 $\times$ 3 $\frac{1}{8}$
862-5221	DCMC822T250CC2B	8200	20.8	13.0	2 $\frac{1}{2}$ $\times$ 4 $\frac{1}{8}$
862-5222	DCMC103T250DJ2B	10000	21.6	13.6	3 $\times$ 3 $\frac{1}{8}$
862-5223	DCMC123T250DC2B	12000	17.6	15.2	3 $\times$ 4 $\frac{1}{8}$
862-5224	DCMC153T250DE2B	15000	14.3	18.0	3 $\times$ 5 $\frac{1}{8}$
862-5225	DCMC183T250DF2B	18000	12.0	20.6	3 $\times$ 5 $\frac{1}{8}$
862-5226	DCMC233T250FF2B	23000	13.4	20.4	3 $\frac{1}{2}$ $\times$ 5 $\frac{1}{8}$
862-5227	DCMC303T250DG2B	30000	7.0	29.6	3 $\times$ 8 $\frac{1}{8}$
862-5228	DCMC383T250FG2B	38000	9.2	28.8	3 $\frac{1}{2}$ $\times$ 8 $\frac{1}{8}$

450 VDC (500 VDC Surge)					
862-5229	DCMC271T450AA2B	270	437.7	1.5	1 $\frac{3}{8}$ $\times$ 2 $\frac{1}{8}$
862-5230	DCMC471T450AB2B	470	253.2	2.4	1 $\frac{3}{8}$ $\times$ 3 $\frac{1}{8}$
862-5231	DCMC681T450AC2B	680	169.5	3.4	1 $\frac{3}{8}$ $\times$ 4 $\frac{1}{8}$
862-5232	DCMC102T450BB2B	1000	137.0	4.3	2 $\times$ 3 $\frac{1}{8}$
862-5233	DCMC152T450BC2B	1500	89.5	5.3	2 $\times$ 4 $\frac{1}{8}$
862-5235	DCMC242T450CC2B	2400	54.7	7.7	2 $\frac{1}{2}$ $\times$ 4 $\frac{1}{8}$
862-5236	DCMC302T450DJ2B	3000	52.2	8.7	3 $\times$ 3 $\frac{1}{8}$
862-5237	DCMC332T450CE2B	3300	40.4	9.2	2 $\frac{1}{2}$ $\times$ 5 $\frac{1}{8}$
862-5238	DCMC392T450CF2B	3900	35.4	10.3	2 $\frac{1}{2}$ $\times$ 5 $\frac{1}{8}$
862-5239	DCMC472T450DE2B	4700	32.5	12.0	3 $\times$ 5 $\frac{1}{8}$
862-5240	DCMC562T450DF2B	5600	28.8	13.3	3 $\times$ 5 $\frac{1}{8}$
862-5241	DCMC732T450FF2B	7300	21.1	16.3	3 $\frac{1}{2}$ $\times$ 5 $\frac{1}{8}$
862-5242	DCMC902T450DG2B	9000	17.6	18.6	3 $\times$ 8 $\frac{1}{8}$