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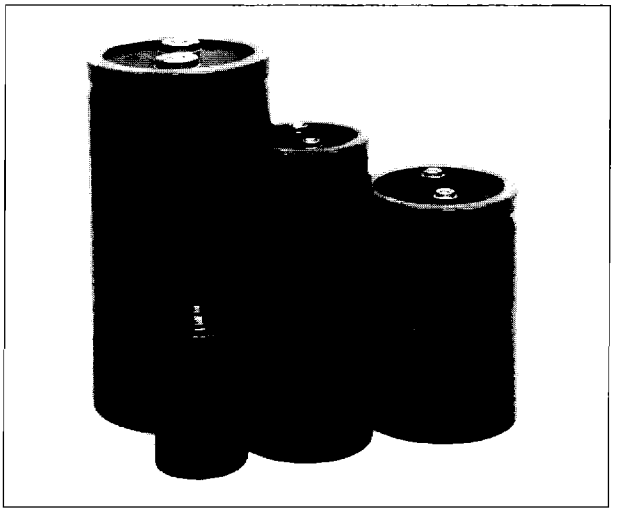
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+85°C Large Can Aluminum Capacitors



L65-16

Features —

- **Ideal for High Wattage Power Supplies and Energy Storage Applications**
- **Capacitance Values to 2.2 Farads**
- **Metric Threads and Stud Mount Versions Included**

General Specifications —

Operating Temperature: −40°C to +85°C.

Voltage Range: 6.3 - 450 VDC.

Capacitance Range: 100μF - 2.2F.

Capacitance Tolerance: −10%, +50%.

Case Size Range: 1.375″ x 1.625″ - 3.0″ x 8.625″.

Termination: Screw inserts or solderable terminals.

Life Validation Test: 2000 hours at +85°C:
- Δ CAP ≤ 15% from initial measurement.
- Δ ESR ≤ 1.5x initial specified limit.
- Δ DCL ≤ initial specified limit.

Shelf Test: 500 hours at +85°C:
- Δ CAP ≤ 15% from initial measurement.
- Δ ESR ≤ 1.2x initial specified limit.
- Δ DCL ≤ 2x initial specified limit.

DC Leakage Current: 5 min. charge time.

$I = K\sqrt{CV}$

K = 4.0 at +25°C; 32.0 at +85°C.

C in μF, V in Volts, I in μA

DC Leakage Current: 5 min. charge time.

$I = K\sqrt{CV}$

K = 4.0 at +25°C; 32.0 at +85°C.

C in μF, V in Volts, I in μA

Ripple Current Multipliers:

TEMPERATURE

Ambient Temperature	Multipliers
+85°C	1.0
+75°C	1.4
+65°C	1.7
+55°C & below	2.0

FREQUENCY Hz

Rated WVDC	120	400	1000 & Up
0-50	1.0	1.05	1.10
51-100	1.0	1.10	1.15
150-300	1.0	1.15	1.25
301-450	1.0	1.20	1.30

Performance Characteristics —

SEE PAGE 2.

Note: Type 36DY is not recommended for new design. See Type 36DA.

Catalog Numbering System

36DY 393 F 6R3 AN 2 A

LEAD CODE: A = LOW INSERT 10-32 SCREW THREAD (Standard)
B = HIGH INSERT 10-32 SCREW THREAD
D = HIGH CURRENT ¼-28 SCREW THREAD
N = LOW INSERT M5 SCREW THREAD
P = KEYED POLARITY VERTICAL MOUNT*
T = HIGH INSERT M5 SCREW THREAD

CASE STYLE: 2 = PVC INSULATING SLEEVE (Standard)
5 = PVC SLEEVE WITH RESIN END SEAL
(Optional only on P Lead Code) Required for exposure to halogenated cleaning solvents.

CASE CODE. SEE DIMENSIONS.

DC VOLTAGE RATING. EXPRESSED IN VOLTS. THE LETTER 'R' IS USED TO INDICATE A DECIMAL POINT.

CAPACITANCE TOLERANCE. F = −10%, +50%

CAPACITANCE. EXPRESSED IN MICROFARADS. THE FIRST TWO DIGITS ARE SIGNIFICANT FIGURES, THE THIRD IS THE NUMBER OF ZEROS.

TYPE NUMBER. IDENTIFIES THE BASIC CAPACITOR DESIGN.

*Available on 1.375", 1.750" and 2.000" dia. units.

STANDARD RATINGS

μF	Catalog Number	Nominal Case Size (inch) D x L	Max. ESR 120Hz, +25°C (mΩ)	Max. Ripple Current 120Hz, +85°C (A)
6.3 VOLTS DC WORKING; 8 VOLTS DC SURGE				
39,000	36DY393F6R3AN2A	1.375 x 1.625	50	4.27
68,000	36DY683F6R3AA2A	1.375 x 2.125	32	5.92
82,000	36DY823F6R3AM2A	1.375 x 2.625	24	7.39
120,000	36DY124F6R3AB2A	1.375 x 3.125	20	8.70
150,000	36DY154F6R3AL2A	1.375 x 3.625	17.0	9.96
180,000	36DY184F6R3AD2A	1.375 x 4.625	14.0	12.3
220,000	36DY224F6R3AE2A	1.375 x 5.125	13.0	13.3
82,000	36DY823F6R3BY2A	2.000 x 1.875	25	8.03
120,000	36DY124F6R3BA2A	2.000 x 2.125	19.5	9.52
180,000	36DY184F6R3BM2A	2.000 x 2.625	14.0	12.1
220,000	36DY224F6R3BB2A	2.000 x 3.125	11.2	14.4
270,000	36DY274F6R3BL2A	2.000 x 3.625	9.6	16.5
330,000	36DY334F6R3BC2A	2.000 x 4.125	8.5	18.5
390,000	36DY394F6R3BD2A	2.000 x 4.625	7.7	20.3
560,000	36DY564F6R3BF2A	2.000 x 5.625	6.6	23.8
390,000	36DY394F6R3CB2A	2.500 x 3.125	6.3	22.2
560,000	36DY564F6R3CC2A	2.500 x 4.125	5.0	27.6
680,000	36DY684F6R3CD2D	2.500 x 4.625	4.5	30.4
820,000	36DY824F6R3CF2D	2.500 x 5.625	4.1	34.4
680,000	36DY684F6R3DL2A	3.000 x 3.625	5.5	28.1
820,000	36DY824F6R3DC2D	3.000 x 4.125	4.9	31.2
1,000,000	36DY105F6R3DD2D	3.000 x 4.625	4.5	34.0
1,200,000	36DY125F6R3DE2D	3.000 x 5.125	4.3	36.2
2,200,000	36DY225F6R3DJ2D	3.000 x 8.625	3.4	50.0
10 VOLTS DC WORKING; 12 VOLTS DC SURGE				
27,000	36DY273F010AN2A	1.375 x 1.625	50	4.23
47,000	36DY473F010AA2A	1.375 x 2.125	32	5.86
68,000	36DY683F010AM2A	1.375 x 2.625	24	7.31
82,000	36DY823F010AB2A	1.375 x 3.125	19.8	8.65
100,000	36DY104F010AL2A	1.375 x 3.625	17.2	9.87
120,000	36DY124F010AC2A	1.375 x 4.125	15.2	11.1
150,000	36DY154F010AD2A	1.375 x 4.625	14.0	12.2
180,000	36DY184F010AF2A	1.375 x 5.625	12.0	14.3
68,000	36DY683F010BY2A	2.000 x 1.875	26	7.99
82,000	36DY823F010BA2A	2.000 x 2.125	19.7	9.47
120,000	36DY124F010BM2A	2.000 x 2.625	14.1	12.1
180,000	36DY184F010BB2A	2.000 x 3.125	11.2	14.4
220,000	36DY224F010BL2A	2.000 x 3.625	9.6	16.5
270,000	36DY274F010BC2A	2.000 x 4.125	8.6	18.4
390,000	36DY394F010BF2A	2.000 x 5.625	6.7	23.7
270,000	36DY274F010CB2A	2.500 x 3.125	6.4	21.9
470,000	36DY474F010CC2A	2.500 x 4.125	5.0	27.6
680,000	36DY684F010CF2D	2.500 x 5.625	4.2	34.0
560,000	36DY564F010DL2A	3.000 x 3.625	5.5	28.1
680,000	36DY684F010DC2D	3.000 x 4.125	5.0	30.9
820,000	36DY824F010DD2D	3.000 x 4.625	4.5	34.0
1,000,000	36DY105F010DF2D	3.000 x 5.625	4.1	38.4
1,500,000	36DY155F010DJ2D	3.000 x 8.625	3.4	50.0
16 VOLTS DC WORKING; 20 VOLTS DC SURGE				
18,000	36DY183F016AN2A	1.375 x 1.625	52	4.16
33,000	36DY333F016AA2A	1.375 x 2.125	33	5.77
47,000	36DY473F016AM2A	1.375 x 2.625	25	7.19
56,000	36DY563F016AB2A	1.375 x 3.125	20	8.55

STANDARD RATINGS

μF	Catalog Number	Nominal Case Size (inch) D x L	Max. ESR 120Hz, +25°C (mΩ)	Max. Ripple Current 120Hz, +85°C (A)
16 VOLTS DC WORKING; 20 VOLTS DC SURGE (Cont.)				
68,000	36DY683F016AL2A	1.375 x 3.625	17.5	9.79
82,000	36DY823F016AC2A	1.375 x 4.125	15.7	10.9
100,000	36DY104F016AD2A	1.375 x 4.625	14.2	12.1
120,000	36DY124F016AF2A	1.375 x 5.625	12.5	14.0
39,000	36DY393F016BY2A	2.000 x 1.875	26	7.92
56,000	36DY563F016BA2A	2.000 x 2.125	20	9.40
82,000	36DY823F016BM2A	2.000 x 2.625	14.3	12.0
100,000	36DY104F016BB2A	2.000 x 3.125	11.6	14.2
120,000	36DY124F016BL2A	2.000 x 3.625	9.8	16.3
150,000	36DY154F016BC2A	2.000 x 4.125	8.7	18.3
180,000	36DY184F016BD2A	2.000 x 4.625	7.9	20.0
220,000	36DY224F016BF2A	2.000 x 5.625	6.7	23.6
180,000	36DY184F016CB2A	2.500 x 3.125	6.6	21.7
270,000	36DY274F016CC2A	2.500 x 4.125	5.1	27.3
330,000	36DY334F016CD2A	2.500 x 4.625	4.8	29.4
470,000	36DY474F016CF2D	2.500 x 5.625	4.2	34.0
390,000	36DY394F016DL2A	3.000 x 3.625	5.5	28.1
470,000	36DY474F016DC2D	3.000 x 4.125	5.0	30.9
560,000	36DY564F016DE2D	3.000 x 5.125	4.3	36.2
680,000	36DY684F016DF2D	3.000 x 5.625	4.1	38.4
1,000,000	36DY105F016DJ2D	3.000 x 8.625	3.4	50.0
25 VOLTS DC WORKING; 30 VOLTS DC SURGE				
6,800	36DY682F025AN2A	1.375 x 1.625	54	4.08
12,000	36DY123F025AA2A	1.375 x 2.125	35	5.61
18,000	36DY183F025AM2A	1.375 x 2.625	25	7.12
22,000	36DY223F025AB2A	1.375 x 3.125	21	8.42
27,000	36DY273F025AL2A	1.375 x 3.625	18.0	9.65
33,000	36DY333F025AC2A	1.375 x 4.125	15.9	10.9
39,000	36DY393F025AD2A	1.375 x 4.625	14.6	11.9
47,000	36DY473F025AF2A	1.375 x 5.625	12.6	14.0
15,000	36DY153F025BY2A	2.000 x 1.875	28	7.59
22,000	36DY223F025BA2A	2.000 x 2.125	21	9.29
33,000	36DY333F025BM2A	2.000 x 2.625	15.4	11.5
47,000	36DY473F025BB2A	2.000 x 3.125	12.3	13.8
56,000	36DY563F025BL2A	2.000 x 3.625	10.4	15.9
68,000	36DY683F025BC2A	2.000 x 4.125	9.1	17.9
82,000	36DY823F025BD2A	2.000 x 4.625	8.3	19.6
100,000	36DY104F025BF2A	2.000 x 5.625	7.2	22.8
82,000	36DY823F025CB2A	2.500 x 3.125	8.9	18.6
120,000	36DY124F025CC2A	2.500 x 4.125	6.7	23.8
180,000	36DY184F025CF2D	2.500 x 5.625	5.2	30.6
150,000	36DY154F025DL2A	3.000 x 3.625	5.8	27.4
180,000	36DY184F025DC2D	3.000 x 4.125	5.2	30.3
220,000	36DY224F025DE2D	3.000 x 5.125	4.5	35.3
270,000	36DY274F025DF2D	3.000 x 5.625	4.3	37.5
390,000	36DY394F025DJ2D	3.000 x 8.625	3.5	49.5
40 VOLTS DC WORKING; 50 VOLTS DC SURGE				
4,700	36DY472F040AN2A	1.375 x 1.625	59	3.89
6,800	36DY682F040AA2A	1.375 x 2.125	37	5.42
10,000	36DY103F040AM2A	1.375 x 2.625	28	6.84
12,000	36DY123F040AB2A	1.375 x 3.125	23	8.10
15,000	36DY153F040AL2A	1.375 x 3.625	19.4	9.30
18,000	36DY183F040AC2A	1.375 x 4.125	17.2	10.4
22,000	36DY223F040AD2A	1.375 x 4.625	15.5	11.5
27,000	36DY273F040AE2A	1.375 x 5.125	14.2	12.6

STANDARD RATINGS

μF	Catalog Number	Nominal Case Size (inch) D x L	Max. ESR 120Hz, +25°C (mΩ)	Max. Ripple Current 120Hz, +85°C (A)
40 VOLTS DC WORKING; 50 VOLTS DC SURGE (Cont.)				
10,000	36DY103F040BY2A	2.000 x 1.875	30	7.40
12,000	36DY123F040BA2A	2.000 x 2.125	23	8.84
18,000	36DY183F040BM2A	2.000 x 2.625	16.2	11.3
27,000	36DY273F040BB2A	2.000 x 3.125	12.8	13.5
33,000	36DY333F040BL2A	2.000 x 3.625	10.9	15.5
39,000	36DY393F040BC2A	2.000 x 4.125	9.6	17.4
47,000	36DY473F040BD2A	2.000 x 4.625	8.7	19.1
56,000	36DY563F040BF2A	2.000 x 5.625	7.4	22.5
47,000	36DY473F040CB2A	2.500 x 3.125	9.1	18.4
68,000	36DY683F040CC2A	2.500 x 4.125	7.0	23.3
82,000	36DY823F040CD2A	2.500 x 4.625	6.3	25.7
100,000	36DY104F040CF2D	2.500 x 5.625	5.4	30.0
82,000	36DY823F040DL2A	3.000 x 3.625	6.0	26.9
100,000	36DY104F040DC2A	3.000 x 4.125	5.4	29.7
120,000	36DY124F040DD2D	3.000 x 4.625	5.0	32.2
150,000	36DY154F040DF2D	3.000 x 5.625	4.4	37.1
270,000	36DY274F040DJ2D	3.000 x 8.625	3.6	48.8
50 VOLTS DC WORKING; 65 VOLTS DC SURGE				
3,300	36DY332F050AN2A	1.375 x 1.625	64	3.75
5,600	36DY562F050AA2A	1.375 x 2.125	40	5.25
8,200	36DY822F050AM2A	1.375 x 2.625	29	6.66
10,000	36DY103F050AB2A	1.375 x 3.125	24	7.79
12,000	36DY123F050AL2A	1.375 x 3.625	20	9.07
15,000	36DY153F050AC2A	1.375 x 4.125	18.2	10.1
18,000	36DY183F050AD2A	1.375 x 4.625	16.3	11.3
20,000	36DY203F050AE2A	1.375 x 5.125	15.0	12.3
22,000	36DY223F050AF2A	1.375 x 5.625	14.0	13.2
8,200	36DY822F050BY2A	2.000 x 1.875	31	7.23
10,000	36DY103F050BA2A	2.000 x 2.125	24	8.60
15,000	36DY153F050BM2A	2.000 x 2.625	16.9	11.0
18,000	36DY183F050BB2A	2.000 x 3.125	13.3	13.2
27,000	36DY273F050BL2A	2.000 x 3.625	11.2	15.3
36,000	36DY363F050BD2A	2.000 x 4.625	8.9	18.9
47,000	36DY473F050BF2A	2.000 x 5.625	7.7	22.1
33,000	36DY333F050CB2A	2.500 x 3.125	9.5	18.1
56,000	36DY563F050CC2A	2.500 x 4.125	7.1	23.1
82,000	36DY823F050CF2A	2.500 x 5.625	5.9	29.5
68,000	36DY683F050DL2A	3.000 x 3.625	6.2	26.5
82,000	36DY823F050DC2A	3.000 x 4.125	5.6	29.2
100,000	36DY104F050DE2D	3.000 x 5.125	4.8	34.2
120,000	36DY124F050DF2D	3.000 x 5.625	4.5	36.7
180,000	36DY184F050DJ2D	3.000 x 8.625	3.6	48.8
63 VOLTS DC WORKING; 75 VOLTS DC SURGE				
2,700	36DY272F063AN2A	1.375 x 1.625	69	3.62
4,700	36DY472F063AA2A	1.375 x 2.125	42	5.10
6,800	36DY682F063AM2A	1.375 x 2.625	31	6.47
8,200	36DY822F063AB2A	1.375 x 3.125	25	7.72
10,000	36DY103F063AL2A	1.375 x 3.625	22	8.75
12,000	36DY123F063AC2A	1.375 x 4.125	19.2	9.87

STANDARD RATINGS

μF	Catalog Number	Nominal Case Size (inch) D x L	Max. ESR 120Hz, +25°C (mΩ)	Max. Ripple Current 120Hz, +85°C (A)
63 VOLTS DC WORKING; 75 VOLTS DC SURGE (Cont.)				
15,000	36DY153F063AE2A	1.375 x 5.125	15.7	12.0
18,000	36DY183F063AF2A	1.375 x 5.625	14.6	13.0
5,600	36DY562F063BY2A	2.000 x 1.875	32	7.08
8,200	36DY822F063BA2A	2.000 x 2.125	25	8.42
12,000	36DY123F063BM2A	2.000 x 2.625	17.4	10.9
15,000	36DY153F063BB2A	2.000 x 3.125	13.9	13.0
22,000	36DY223F063BL2A	2.000 x 3.625	11.7	15.0
27,000	36DY273F063BD2A	2.000 x 4.625	9.1	18.7
39,000	36DY393F063BF2A	2.000 x 5.625	7.8	21.9
27,000	36DY273F063CB2A	2.500 x 3.125	9.7	17.9
39,000	36DY393F063CC2A	2.500 x 4.125	7.3	22.8
47,000	36DY473F063CD2A	2.500 x 4.625	6.6	25.1
68,000	36DY683F063CF2A	2.500 x 5.625	5.7	29.2
56,000	36DY563F063DL2A	3.000 x 3.625	6.3	26.3
68,000	36DY683F063DD2D	3.000 x 4.625	5.2	31.6
82,000	36DY823F063DE2D	3.000 x 5.125	4.9	33.9
100,000	36DY104F063DF2D	3.000 x 5.625	4.5	36.7
150,000	36DY154F060DJ2D	3.000 x 8.625	3.7	48.2
100 VOLTS DC WORKING; 125 VOLTS DC SURGE				
1,000	36DY102F100AN2A	1.375 x 1.625	131	2.61
1,500	36DY152F100AA2A	1.375 x 2.125	79	3.73
1,800	36DY182F100AM2A	1.375 x 2.625	56	4.82
2,700	36DY272F100AB2A	1.375 x 3.125	44	5.79
3,900	36DY392F100AL2A	1.375 x 3.625	37	6.78
4,700	36DY472F100AC2A	1.375 x 4.125	32	7.68
5,600	36DY562F100AE2A	1.375 x 5.125	25	9.43
6,800	36DY682F100AF2A	1.375 x 5.625	23	10.3
2,200	36DY222F100BY2A	2.000 x 1.875	59	5.27
2,700	36DY272F100BA2A	2.000 x 2.125	46	6.19
4,700	36DY472F100BM2A	2.000 x 2.625	30	8.29
5,600	36DY562F100BB2A	2.000 x 3.125	23	10.0
8,200	36DY822F100BL2A	2.000 x 3.625	18.9	11.8
10,000	36DY103F100BC2A	2.000 x 4.125	16.3	13.3
12,000	36DY123F100BF2A	2.000 x 5.625	12.3	17.5
10,000	36DY103F100CB2A	2.500 x 3.125	14.8	14.5
15,000	36DY153F100CC2A	2.500 x 4.125	10.4	19.1
18,000	36DY183F100CD2A	2.500 x 4.625	9.5	20.9
22,000	36DY223F100CF2A	2.500 x 5.625	7.8	25.0
18,000	36DY183F100DL2A	3.000 x 3.625	11.2	19.7
22,000	36DY223F100DC2A	3.000 x 4.125	9.7	22.2
27,000	36DY273F100DD2A	3.000 x 4.625	8.7	24.4
33,000	36DY333F100DE2A	3.000 x 5.125	7.9	26.7
56,000	36DY563F100DJ2D	3.000 x 8.625	5.4	39.9
150 VOLTS DC WORKING; 175 VOLTS DC SURGE				
390	36DY391F150AN2A	1.375 x 1.625	245	1.56
680	36DY681F150AA2A	1.375 x 2.125	141	2.27
1,000	36DY102F150AM2A	1.375 x 2.625	96	2.99
1,200	36DY122F150AB2A	1.375 x 3.125	80	3.51
1,500	36DY152F150AL2A	1.375 x 3.625	64	4.18
1,800	36DY182F150AC2A	1.375 x 4.125	53	4.85
2,200	36DY222F150AE2A	1.375 x 5.125	43	5.92
2,700	36DY272F150AF2A	1.375 x 5.625	35	6.84

STANDARD RATINGS

μF	Catalog Number	Nominal Case Size (inch) D x L	Max. ESR 120Hz, +25°C (mΩ)	Max. Ripple Current 120Hz, +85°C (A)
150 VOLTS DC WORKING; 175 VOLTS DC SURGE (Cont.)				
820	36DY821F150BY2A	2.000 x 1.875	153	2.66
1,200	36DY122F150BA2A	2.000 x 2.125	104	3.37
1,800	36DY182F150BM2A	2.000 x 2.625	70	4.42
2,200	36DY222F150BB2A	2.000 x 3.125	57	5.22
2,700	36DY272F150BL2A	2.000 x 3.625	46	6.16
3,300	36DY332F150BC2A	2.000 x 4.125	38	7.13
3,900	36DY392F150BD2A	2.000 x 4.625	32	8.14
5,600	36DY562F150BF2A	2.000 x 5.625	22	10.66
3,900	36DY392F150CB2A	2.500 x 3.125	31	8.16
5,600	36DY562F150CC2A	2.500 x 4.125	22	10.73
10,000	36DY103F150CF2A	2.500 x 5.625	12	16.43
8,200	36DY822F150DL2A	3.000 x 3.625	20	12.04
10,000	36DY103F150DC2A	3.000 x 4.125	17	13.68
12,000	36DY123F150DE2A	3.000 x 5.125	14	16.36
22,000	36DY223F150DJ2A	3.000 x 8.625	8	26.75
200 VOLTS DC WORKING; 250 VOLTS DC SURGE				
330	36DY331F200AN2A	1.375 x 1.625	254	1.54
560	36DY561F200AA2A	1.375 x 2.125	150	2.20
820	36DY821F200AM2A	1.375 x 2.625	102	2.90
1,000	36DY102F200AB2A	1.375 x 3.125	84	3.43
1,200	36DY122F200AL2A	1.375 x 3.625	70	4.00
1,500	36DY152F200AC2A	1.375 x 4.125	56	4.72
1,800	36DY182F200AE2A	1.375 x 5.125	47	5.66
2,200	36DY222F200AF2A	1.375 x 5.625	38	6.56
680	36DY681F200BY2A	2.000 x 1.875	158	2.62
1,000	36DY102F200BA2A	2.000 x 2.125	108	3.30
1,500	36DY152F200BM2A	2.000 x 2.625	72	4.36
1,800	36DY182F200BB2A	2.000 x 3.125	60	5.09
2,200	36DY222F200BL2A	2.000 x 3.625	49	5.97
2,700	36DY272F200BC2A	2.000 x 4.125	40	6.95
3,300	36DY332F200BD2A	2.000 x 4.625	33	8.02
4,700	36DY472F200BF2A	2.000 x 5.625	23	10.42
3,300	36DY332F200CB2A	2.500 x 3.125	32	8.03
4,700	36DY472F200CC2A	2.500 x 4.125	22	10.73
5,600	36DY562F200CD2A	2.500 x 4.625	19	12.07
8,200	36DY822F200CF2A	2.500 x 5.625	13	15.79
6,800	36DY682F200DL2A	3.000 x 3.625	20	12.04
8,200	36DY822F200DD2A	3.000 x 4.625	17	14.27
10,000	36DY103F200DE2A	3.000 x 5.125	14	16.36
12,000	36DY123F200DF2A	3.000 x 5.625	11	19.14
18,000	36DY183F200DJ2A	3.000 x 8.625	8	26.75
250 VOLTS DC WORKING; 300 VOLTS DC SURGE				
270	36DY271F250AN2A	1.375 x 1.625	275	1.48
470	36DY471F250AA2A	1.375 x 2.125	158	2.15
560	36DY561F250AM2A	1.375 x 2.625	132	2.55
820	36DY821F250AB2A	1.375 x 3.125	90	3.31
1,000	36DY102F250AL2A	1.375 x 3.625	74	3.89
1,200	36DY122F250AC2A	1.375 x 4.125	62	4.49
1,500	36DY152F250AE2A	1.375 x 5.125	49	5.54
1,800	36DY182F250AF2A	1.375 x 5.625	41	6.32

STANDARD RATINGS

μF	Catalog Number	Nominal Case Size (inch) D x L	Max. ESR 120Hz, +25°C (mΩ)	Max. Ripple Current 120Hz, +85°C (A)
	250 VOLTS DC WORKING; 300 VOLTS DC SURGE (Cont.)			
560	36DY561F250BY2A	2.000 x 1.875	165	2.56
820	36DY821F250BA2A	2.000 x 2.125	113	3.23
1,200	36DY122F250BM2A	2.000 x 2.625	77	4.21
1,500	36DY152F250BB2A	2.000 x 3.125	62	5.01
1,800	36DY182F250BL2A	2.000 x 3.625	51	5.85
2,200	36DY222F250BC2A	2.000 x 4.125	42	6.78
2,700	36DY272F250BD2A	2.000 x 4.625	34	7.90
3,300	36DY332F250BF2A	2.000 x 5.625	29	9.44
2,700	36DY272F250CB2A	2.500 x 3.125	34	7.79
3,900	36DY392F250CC2A	2.500 x 4.125	23	10.49
4,700	36DY472F250CD2A	2.500 x 4.625	19	12.07
5,600	36DY562F250CF2A	2.500 x 5.625	16	14.23
4,700	36DY472F250DL2A	3.000 x 3.625	24	10.99
5,600	36DY562F250DC2A	3.000 x 4.125	20	12.61
6,800	36DY682F250DD2A	3.000 x 4.625	17	14.27
8,200	36DY822F250DE2A	3.000 x 5.125	14	16.35
10,000	36DY103F250DF2A	3.000 x 5.625	11	19.14
15,000	36DY153F250DJ2A	3.000 x 8.625	8	26.75
	350 VOLTS DC WORKING; 400 VOLTS DC SURGE			
150	36DY151F350AN2A	1.375 x 1.625	853	0.84
220	36DY221F350AA2A	1.375 x 2.125	681	1.12
330	36DY331F350AM2A	1.375 x 2.625	388	1.49
470	36DY471F350AB2A	1.375 x 3.125	272	1.91
560	36DY561F350AL2A	1.375 x 3.625	228	2.21
680	36DY681F350AC2A	1.375 x 4.125	188	2.58
820	36DY821F350AE2A	1.375 x 5.125	156	3.11
1,000	36DY102F350AF2A	1.375 x 5.625	128	3.58
330	36DY331F350BY2A	2.000 x 1.875	412	1.62
470	36DY471F350BA2A	2.000 x 2.125	289	2.02
680	36DY681F350BM2A	2.000 x 2.625	200	2.61
820	36DY821F350BB2A	2.000 x 3.125	166	3.06
1,000	36DY102F350BL2A	2.000 x 3.625	136	3.58
1,200	36DY122F350BC2A	2.000 x 4.125	113	4.13
1,500	36DY152F350BD2A	2.000 x 4.625	91	4.83
1,800	36DY182F350BF2A	2.000 x 5.625	76	5.73
1,500	36DY152F350CB2A	2.500 x 3.125	90	4.79
2,200	36DY222F350CC2A	2.500 x 4.125	61	6.44
2,700	36DY272F350CD2A	2.500 x 4.625	50	7.44
3,300	36DY332F350CF2A	2.500 x 5.625	41	8.89
2,700	36DY272F350DL2A	3.000 x 3.625	53	7.39
3,300	36DY332F350DC2A	3.000 x 4.125	44	8.50
3,900	36DY392F350DD2A	3.000 x 4.625	37	9.68
4,700	36DY472F350DE2A	3.000 x 5.125	31	10.99
8,200	36DY822F350DJ2A	3.000 x 8.625	18	17.83
	400 VOLTS DC WORKING; 450 VOLTS DC SURGE			
120	36DY121F400AN2A	1.375 x 1.625	964	0.79
180	36DY181F400AA2A	1.375 x 2.125	643	1.06
270	36DY271F400AM2A	1.375 x 2.625	429	1.41
330	36DY331F400AB2A	1.375 x 3.125	351	1.68
470	36DY471F400AL2A	1.375 x 3.625	246	2.13
560	36DY561F400AC2A	1.375 x 4.125	207	2.58
680	36DY681F400AE2A	1.375 x 5.125	170	2.98
820	36DY821F400AF2A	1.375 x 5.625	141	3.41

STANDARD RATINGS

μF	Catalog Number	Nominal Case Size (inch) D x L	Max. ESR 120Hz, +25°C (mΩ)	Max. Ripple Current 120Hz, +85°C (A)
400 VOLTS DC WORKING; 450 VOLTS DC SURGE (Cont.)				
270	36DY271F400BY2A	2.000 x 1.875	466	1.54
330	36DY331F400BA2A	2.000 x 2.125	372	1.78
560	36DY561F400BM2A	2.000 x 2.625	219	2.50
680	36DY681F400BB2A	2.000 x 3.125	181	2.93
820	36DY821F400BL2A	2.000 x 3.625	150	3.41
1,000	36DY102F400BC2A	2.000 x 4.125	123	3.96
1,200	36DY122F400BD2A	2.000 x 4.625	102	4.56
1,500	36DY152F400BF2A	2.000 x 5.625	82	5.52
1,200	36DY122F400CB2A	2.500 x 3.125	101	4.52
1,800	36DY182F400CC2A	2.500 x 4.125	67	5.15
2,200	36DY222F400CD2A	2.500 x 4.625	55	7.09
2,700	36DY272F400CF2A	2.500 x 5.625	45	8.48
2,200	36DY222F400DL2A	3.000 x 3.625	59	7.01
2,700	36DY272F400DC2A	3.000 x 4.125	48	8.14
3,300	36DY332F400DD2A	3.000 x 4.625	39	9.42
3,900	36DY392F400DE2A	3.000 x 5.125	33	10.66
6,800	36DY682F400DJ2A	3.000 x 8.625	19	17.36
450 VOLTS DC WORKING; 525 VOLTS DC SURGE				
100	36DY101F450AN2A	1.375 x 1.625	1048	0.76
180	36DY181F450AA2A	1.375 x 2.125	582	1.12
270	36DY271F450AM2A	1.375 x 2.625	388	1.45
330	36DY331F450AB2A	1.375 x 3.125	317	1.77
390	36DY391F450AL2A	1.375 x 3.625	269	2.04
470	36DY471F450AC2A	1.375 x 4.125	223	2.37
560	36DY561F450AE2A	1.375 x 5.125	187	2.71
680	36DY681F450AF2A	1.375 x 5.625	164	3.13
270	36DY271F450BY2A	2.000 x 1.875	419	1.61
330	36DY331F450BA2A	2.000 x 2.125	343	1.85
470	36DY471F450BM2A	2.000 x 2.625	241	2.38
680	36DY681F450BB2A	2.000 x 3.125	166	3.06
820	36DY821F450BL2A	2.000 x 3.625	138	3.55
1,000	36DY102F450BC2A	2.000 x 4.125	113	4.13
1,200	36DY122F450BD2A	2.000 x 4.625	94	4.75
1,500	36DY152F450BF2A	2.000 x 5.625	75	5.77
1,200	36DY122F450CB2A	2.500 x 3.125	93	4.71
1,800	36DY182F450CC2A	2.500 x 4.125	62	6.39
2,700	36DY272F450CF2A	2.500 x 5.625	42	8.78
2,200	36DY222F450DL2A	3.000 x 3.625	54	7.33
2,700	36DY272F450DC2A	3.000 x 4.125	44	8.50
3,300	36DY332F450DD2A	3.000 x 4.625	36	10.20
3,900	36DY392F450DE2A	3.000 x 5.125	30	11.59
5,600	36DY562F450DJ2A	3.000 x 8.625	21	16.51

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