

## Aluminum Capacitors +85 °C, Large Can


**FEATURES**

- Useful life: 2000 h at +85 °C
- The industry standard for large can aluminum capacitors
- Ideal for high wattage power supplies and energy storage applications
- Capacitance values to 2.2 F
- Largest CV available
- Highest voltage available
- Screw terminal
- Material categorization: for definitions of compliance please see [www.vishay.com/doc?99912](http://www.vishay.com/doc?99912)


**RoHS  
COMPLIANT**

QUICK REFERENCE DATA	
DESCRIPTION	VALUE
Nominal case size Ø D x L in inches (mm)	1.375 x 1.625 (35.0 x 41.3) to 3.00 x 8.675 (76.2 x 220.3)
Operating temperature	-40 °C to +85 °C
Rated capacitance range, C <sub>R</sub>	100 µF to 2.2 F
Tolerance on C <sub>R</sub>	-10 % to 50 %
Rated voltage range, U <sub>R</sub>	6.3 WV <sub>DC</sub> to 450 WV <sub>DC</sub>
Termination	Screw thread
Life validation test at 85 °C	2000 h: ΔCAP ≤ 15 % from initial measurement. ΔESR ≤ 1.5 x initial specified limit ΔDCL ≤ initial specified limit
Shelf life at 85 °C	500 h: ΔCAP ≤ 15 % from initial measurement. ΔESR ≤ 1.2 x initial specified limit. ΔDCL ≤ 2 x initial specified limit.
DC leakage current	$I = k \sqrt{CV}$ k = 4.0 at +25 °C; k = 32.0 at +85 °C I in µA, C in µF, V in Volts

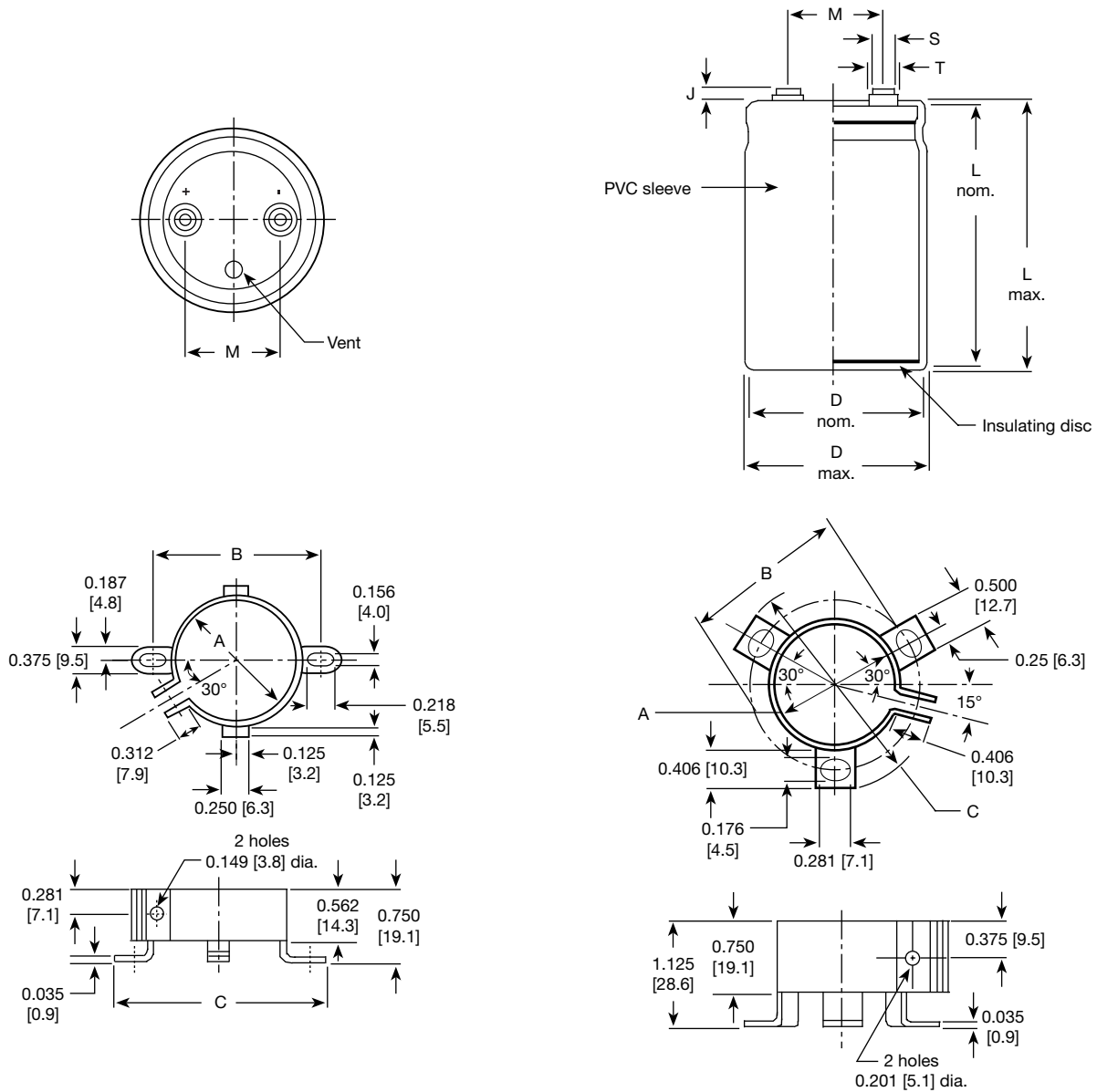
RIPPLE CURRENT MULTIPLIERS			
TEMPERATURE			
AMBIENT TEMPERATURE		MULTIPLIERS	
+85 °C		1.0	
+75 °C		1.4	
+65 °C		1.7	
+55 °C and below		2.0	
FREQUENCY (Hz)			
RATED WV <sub>DC</sub>	120	400	1000 AND UP
0 to 50	1.0	1.05	1.10
51 to 100	1.0	1.10	1.15
150 to 300	1.0	1.15	1.25
301 to 450	1.0	1.20	1.30

DIMENSIONS in inches (millimeters)							
LARGE CAN CAPACITORS							
CASE CODE	NOMINAL		WITH INSULATION SLEEVE			TERMINAL SPACING M ± 0.016 (0.4)	TYPICAL WEIGHT (g)
	D ± 0.032 (0.8)	L ± 0.063 (1.6)	D (Max.)	L (Max.)	P TERMINAL H (Max.)		
AN	1.375 (35.0)	1.625 (41.0)	1.453 (36.9)	1.750 (44.5)	1.849 (47.0)	0.500 (12.7)	43.0
AY	1.375 (35.0)	1.875 (48.0)	1.453 (36.9)	2.000 (50.8)	1.099 (53.3)	0.500 (12.7)	54.0
AA	1.375 (35.0)	2.125 (54.0)	1.453 (36.9)	2.250 (57.2)	1.349 (59.7)	0.500 (12.7)	63.0
AM	1.375 (35.0)	2.625 (67.0)	1.453 (36.9)	2.750 (69.9)	1.849 (72.4)	0.500 (12.7)	82.0
AB	1.375 (35.0)	3.125 (79.0)	1.453 (36.9)	3.250 (82.6)	1.349 (85.1)	0.500 (12.7)	105.0
AL	1.375 (35.0)	3.625 (92.0)	1.453 (36.9)	3.750 (95.3)	1.849 (97.8)	0.500 (12.7)	122.0
AC	1.375 (35.0)	4.125 (105.0)	1.453 (36.9)	4.250 (108.0)	1.349 (110.5)	0.500 (12.7)	129.0
AD	1.375 (35.0)	4.625 (117.0)	1.453 (36.9)	4.750 (120.7)	1.849 (123.2)	0.500 (12.7)	162.0
AE	1.375 (35.0)	5.125 (130.0)	1.453 (36.9)	5.250 (133.4)	1.349 (125.9)	0.500 (12.7)	179.0
AF	1.375 (35.0)	5.625 (143.0)	1.453 (36.9)	5.750 (146.1)	1.849 (148.6)	0.500 (12.7)	201.0
EN	1.750 (44.0)	1.625 (41.0)	1.828 (46.4)	1.750 (44.5)	1.849 (47.0)	0.750 (19.1)	71.0



DIMENSIONS in inches (millimeters)							
LARGE CAN CAPACITORS							
CASE CODE	NOMINAL		WITH INSULATION SLEEVE			TERMINAL SPACING M ± 0.016 (0.4)	TYPICAL WEIGHT (g)
	D ± 0.032 (0.8)	L ± 0.063 (1.6)	D (Max.)	L (Max.)	P TERMINAL H (Max.)		
EY	1.750 (44.0)	1.875 (48.0)	1.828 (46.4)	2.000 (50.8)	2.099 (53.3)	0.750 (19.1)	88.0
EA	1.750 (44.0)	2.125 (54.0)	1.828 (46.4)	2.250 (57.2)	2.349 (59.7)	0.750 (19.1)	102.0
EM	1.750 (44.0)	2.625 (67.0)	1.828 (46.4)	2.750 (69.9)	2.849 (72.4)	0.750 (19.1)	133.0
EB	1.750 (44.0)	3.125 (79.0)	1.828 (46.4)	3.250 (82.6)	3.349 (85.1)	0.750 (19.1)	167.0
EL	1.750 (44.0)	3.625 (92.0)	1.828 (46.4)	3.750 (95.3)	3.849 (97.8)	0.750 (19.1)	198.0
EC	1.750 (44.0)	4.125 (105.0)	1.828 (46.4)	4.250 (108.0)	4.349 (110.5)	0.750 (19.1)	230.0
ED	1.750 (44.0)	4.625 (117.0)	1.828 (46.4)	4.750 (120.7)	4.849 (123.2)	0.750 (19.1)	252.0
EE	1.750 (44.0)	5.125 (130.0)	1.828 (46.4)	5.250 (133.4)	5.349 (135.9)	0.750 (19.1)	269.0
EF	1.750 (44.0)	5.625 (143.0)	1.828 (46.4)	5.750 (146.1)	5.849 (148.6)	0.750 (19.1)	318.0
BY	2.000 (51.0)	1.875 (48.0)	2.078 (52.8)	2.000 (50.8)	2.099 (53.3)	0.875 (22.2)	113.0
BA	2.000 (51.0)	2.125 (54.0)	2.078 (52.8)	2.250 (57.2)	2.349 (59.7)	0.875 (22.2)	133.0
BM	2.000 (51.0)	2.625 (67.0)	2.078 (52.8)	2.750 (69.9)	2.849 (72.4)	0.875 (22.2)	176.0
BB	2.000 (51.0)	3.125 (79.0)	2.078 (52.8)	3.250 (82.6)	3.349 (85.1)	0.875 (22.2)	213.0
BL	2.000 (51.0)	3.625 (92.0)	2.078 (52.8)	3.750 (95.3)	3.849 (97.8)	0.875 (22.2)	261.0
BC	2.000 (51.0)	4.125 (105.0)	2.078 (52.8)	4.250 (108.0)	4.349 (110.5)	0.875 (22.2)	381.0
BD	2.000 (51.0)	4.625 (117.0)	2.078 (52.8)	4.750 (120.7)	4.849 (123.2)	0.875 (22.2)	326.0
BE	2.000 (51.0)	5.125 (130.0)	2.078 (52.8)	5.250 (133.4)	5.349 (135.9)	0.875 (22.2)	337.0
BF	2.000 (51.0)	5.625 (143.0)	2.078 (52.8)	5.750 (146.1)	5.849 (148.6)	0.875 (22.2)	408.0
CB	2.500 (64.0)	3.125 (79.0)	2.578 (65.5)	3.250 (82.6)	n/a	1.125 (28.6)	329.0
CL	2.500 (64.0)	3.625 (92.0)	2.578 (65.5)	3.750 (95.3)	n/a	1.125 (28.6)	400.0
CC	2.500 (64.0)	4.125 (105.0)	2.578 (65.5)	4.250 (108.0)	n/a	1.125 (28.6)	473.0
CD	2.500 (64.0)	4.625 (117.0)	2.578 (65.5)	4.750 (120.7)	n/a	1.125 (28.6)	562.0
CE	2.500 (64.0)	5.125 (130.0)	2.578 (65.5)	5.250 (133.4)	n/a	1.125 (28.6)	607.0
CF	2.500 (64.0)	5.625 (143.0)	2.578 (65.5)	5.750 (146.1)	n/a	1.125 (28.6)	675.0
DB	3.000 (76.0)	3.125 (79.0)	3.078 (78.2)	3.250 (82.6)	n/a	1.250 (31.8)	496.0
DL	3.000 (76.0)	3.625 (92.0)	3.078 (78.2)	3.750 (95.3)	n/a	1.250 (31.8)	598.0
DC	3.000 (76.0)	4.125 (105.0)	3.078 (78.2)	4.250 (108.0)	n/a	1.250 (31.8)	700.0
DD	3.000 (76.0)	4.625 (117.0)	3.078 (78.2)	4.750 (120.7)	n/a	1.250 (31.8)	802.0
DE	3.000 (76.0)	5.125 (130.0)	3.078 (78.2)	5.250 (133.4)	n/a	1.250 (31.8)	944.0
DF	3.000 (76.0)	5.625 (143.0)	3.078 (78.2)	5.750 (146.1)	n/a	1.250 (31.8)	1004.0
DJ	3.000 (76.0)	8.625 (219.0)	3.078 (78.2)	8.750 (222.3)	n/a	1.250 (31.8)	1403.0

DIMENSIONS in inches (millimeters)						
BRACKETS (RoHS COMPLIANT)						
TYPE	PART NUMBER	A	B	C	FIGURE NUMBER	
2 feet	1245860035A	1.375 (34.9)	1.781 (45.2)	2.218 (56.3)	1	
3 feet	1245860036A	2.000 (50.8)	2.500 (63.5)	2.875 (73.0)	2	
3 feet	1245860037A	2.500 (63.5)	3.000 (76.2)	3.375 (85.7)	2	
3 feet	1245860038A	3.000 (76.2)	3.500 (88.9)	3.875 (98.4)	2	
SCREW INSERT TERMINAL DIMENSIONS						
TERMINAL CODE	THREAD	THREAD DEPTH	HEIGHT J ± 0.032 (0.8)	DIAMETER S ± 0.010 (0.25)	DIAMETER T ± 0.010 (0.25)	NOTES
A	10-32 NF-28	0.219 (5.6)	0.063 (1.6)	0.313 (8.0)	0.438 (11.1)	All cases codes
B	10-32 NF-28	0.375 (9.5)	0.250 (6.4)	0.313 (8.0)	0.438 (11.1)	All cases codes
D	1/4-28 NF-28	0.344 (8.7)	0.093 (2.4)	0.688 (17.5)	-	C and D dia. codes only

**DIMENSIONS AND AVAILABLE FORMS**
**Screw Insert Terminals**

**ORDERING EXAMPLE**

Electrolytic capacitor 36DY series: 36DY 683 F 6R3 AA 2 A

DESCRIPTION	
CODE	EXPLANATION
36DY	Product type
683	Capacitance value (68 000 $\mu$ F)
F	Tolerance (G = -10 % / +75 %; F = -10 % / +50 %)
6R3	Voltage rating at 85 °C (6.3 V)
AA	Can size (see Dimensions table)
2	PVC insulating sleeve
A	Terminal code (low insert 10-32 screw thread)



<b>ELECTRICAL DATA AND ORDERING INFORMATION</b>				
<b>CAPACITANCE (<math>\mu</math>F)</b>	<b>PART NUMBER</b>	<b>NOMINAL CASE SIZE D x L</b>	<b>MAX. ESR AT 25 °C (m<math>\Omega</math>) 120 Hz</b>	<b>MAX. RIPPLE AT +85 °C (A) 120 Hz</b>
<b>6.3 WV<sub>DC</sub> AT +85 °C, SURGE = 8 V</b>				
68 000.0	36DY683F6R3AA2A	1.375 x 2.125 (35.0 x 54.0)	32.0	5.92
120 000.0	36DY124F6R3AB2A	1.375 x 3.125 (35.0 x 79.0)	20.0	8.70
220 000.0	36DY224F6R3BB2A	2.000 x 3.125 (51.0 x 79.0)	11.2	14.4
560 000.0	36DY564F6R3BF2A	2.000 x 5.625 (51.0 x 143.0)	6.6	23.8
820 000.0	36DY824F6R3CF2A	2.500 x 5.625 (64.0 x 143.0)	4.1	34.4
1 000 000.0	36DY105F6R3DD2A	3.000 x 4.625 (76.0 x 117.0)	14.5	34.0
<b>10 WV<sub>DC</sub> AT +85 °C, SURGE = 12 V</b>				
82 000.0	36DY823F010AB2A	1.375 x 3.125 (35.0 x 79.0)	19.8	8.65
150 000.0	36DY154F010AD2A	1.375 x 4.625 (35.0 x 117.0)	14.0	12.2
220 000.0	36DY224F010BL2A	2.000 x 3.625 (51.0 x 92.0)	9.6	16.5
390 000.0	36DY394F010BF2A	2.000 x 5.625 (51.0 x 143.0)	6.7	23.7
470 000.0	36DY474F010CC2A	2.500 x 4.125 (64.0 x 105.0)	5.0	27.6
680 000.0	36DY684F010DC2A	3.000 x 4.125 (76.0 x 105.0)	5.0	30.9
<b>15 WV<sub>DC</sub> AT +85 °C, SURGE = 18 V</b>				
47 000.0	36DY473F015AM2A	1.375 x 2.625 (35.0 x 67.0)	25.0	7.19
68 000.0	36DY683F015AL2A	1.375 x 3.625 (35.0 x 92.0)	17.5	9.79
100 000.0	36DY104F015AD2A	1.375 x 4.625 (35.0 x 117.0)	14.2	12.1
56 000.0	36DY563F015BA2A	2.000 x 2.125 (51.0 x 54.0)	20.0	9.40
100 000.0	36DY104F015BB2A	2.000 x 3.125 (51.0 x 79.0)	11.6	14.2
150 000.0	36DY154F015BC2A	2.000 x 4.125 (51.0 x 105.0)	8.7	18.3
220 000.0	36DY224F015BF2A	2.000 x 5.625 (51.0 x 143.0)	6.7	23.6
470 000.0	36DY474F015CF2A	2.500 x 5.625 (64.0 x 143.0)	4.2	34.0
680 000.0	36DY684F015DF2A	3.000 x 5.625 (76.0 x 143.0)	4.1	38.4
<b>25 WV<sub>DC</sub> AT +85 °C, SURGE = 30 V</b>				
18 000.0	36DY183F025AM2A	1.375 x 2.625 (35.0 x 67.0)	25.0	7.12
22 000.0	36DY223F025AB2A	1.375 x 3.125 (35.0 x 79.0)	21.0	8.42
47 000.0	36DY473F025AF2A	1.375 x 5.625 (35.0 x 143.0)	12.6	14.0
33 000.0	36DY333F025BM2A	2.000 x 2.625 (51.0 x 67.0)	15.4	11.5
47 000.0	36DY473F025BB2A	2.000 x 3.125 (51.0 x 79.0)	12.3	13.8
100 000.0	36DY104F025BF2A	2.000 x 5.625 (51.0 x 143.0)	7.2	22.8
120 000.0	36DY124F025CC2A	2.500 x 4.125 (64.0 x 105.0)	6.7	23.8
220 000.0	36DY224F025DE2A	3.000 x 5.125 (76.0 x 130.0)	4.5	35.3
390 000.0	36DY394F025DJ2A	3.000 x 8.625 (76.0 x 219.0)	3.5	49.5
<b>40 WV<sub>DC</sub> AT +85 °C, SURGE = 50 V</b>				
4700.0	36DY472F040AN2A	1.375 x 1.625 (35.0 x 41.0)	59.0	3.89
10 000.0	36DY103F040AM2A	1.375 x 2.625 (35.0 x 67.0)	28.0	6.84
12 000.0	36DY123F040AB2A	1.375 x 3.125 (35.0 x 79.0)	23.0	8.10
15 000.0	36DY153F040AL2A	1.375 x 3.625 (35.0 x 92.0)	19.4	9.30
10 000.0	36DY103F040BY2A	2.000 x 1.875 (51.0 x 48.0)	30.0	7.40
27 000.0	36DY273F040BB2A	2.000 x 3.125 (51.0 x 79.0)	12.8	13.5
33 000.0	36DY333F040BL2A	2.000 x 3.625 (51.0 x 92.0)	10.9	15.5
39 000.0	36DY393F040BC2A	2.000 x 4.125 (51.0 x 105.0)	9.6	17.4
47 000.0	36DY473F040CB2A	2.500 x 3.125 (64.0 x 79.0)	9.1	18.4
100 000.0	36DY104F040DC2A	3.000 x 4.125 (76.0 x 105.0)	5.4	29.7
8200.0	36DY822F040AM2A	1.375 x 2.625 (35.0 x 67.0)	29.0	6.66
10 000.0	36DY103F040AB2A	1.375 x 3.125 (35.0 x 79.0)	24.0	7.79
15 000.0	36DY153F040AC2A	1.375 x 4.125 (35.0 x 105.0)	18.2	10.1



<b>ELECTRICAL DATA AND ORDERING INFORMATION</b>				
<b>CAPACITANCE (<math>\mu</math>F)</b>	<b>PART NUMBER</b>	<b>NOMINAL CASE SIZE D x L</b>	<b>MAX. ESR AT 25 °C (m<math>\Omega</math>) 120 Hz</b>	<b>MAX. RIPPLE AT +85 °C (A) 120 Hz</b>
<b>50 WV<sub>DC</sub> AT +85 °C, SURGE = 65 V</b>				
5600.0	36DY562F050AA2A	1.375 x 2.125 (35.0 x 54.0)	40.0	5.25
8200.0	36DY822F050AM2A	1.375 x 2.625 (35.0 x 67.0)	29.0	6.66
10 000.0	36DY103F050AB2A	1.375 x 3.125 (35.0 x 79.0)	24.0	8.60
47 000.0	36DY473F050BF2A	2.000 x 5.625 (51.0 x 143.0)	7.7	22.1
100 000.0	36DY104F050DE2A	3.000 x 5.125 (76.0 x 130.0)	4.8	34.2
180 000.0	36DY184F050DJ2A	3.000 x 8.625 (76.0 x 219.0)	3.6	48.8
<b>60 WV<sub>DC</sub> AT +85 °C, SURGE = 75 V</b>				
2700.0	36DY272F060AN2A	1.375 x 1.625 (35.0 x 41.0)	69.0	3.62
4700.0	36DY472F060AA2A	1.375 x 2.125 (35.0 x 54.0)	42.0	5.10
8200.0	36DY822F060AB2A	1.375 x 3.125 (35.0 x 79.0)	25.0	7.72
10 000.0	36DY103F060AL2A	1.375 x 3.625 (35.0 x 92.0)	22.0	8.75
15 000.0	36DY153F060BB2A	2.000 x 3.125 (51.0 x 79.0)	13.9	13.0
22 000.0	36DY223F060BL2A	2.000 x 3.625 (51.0 x 92.0)	11.7	15.0
47 000.0	36DY473F060CD2A	2.500 x 4.625 (64.0 x 117.0)	6.6	25.1
100 000.0	36DY104F060DF2A	3.000 x 5.625 (76.0 x 143.0)	4.5	36.7
<b>75 WV<sub>DC</sub> AT +85 °C, SURGE = 95 V</b>				
1800.0	36DY182F075AN2A	1.375 x 1.625 (35.0 x 41.0)	104.0	2.95
3300.0	36DY332F075AA2A	1.375 x 2.125 (35.0 x 54.0)	62.0	4.19
5600.0	36DY562F075AB2A	1.375 x 3.125 (35.0 x 79.0)	36.0	6.45
6800.0	36DY682F075AL2A	1.375 x 3.625 (35.0 x 92.0)	30.0	7.50
10 000.0	36DY103F075AD2A	1.375 x 4.625 (35.0 x 117.0)	24.0	9.26
12 000.0	36DY123F075BB2A	2.000 x 3.125 (51.0 x 79.0)	18.8	11.1
18 000.0	36DY183F075BC2A	2.000 x 4.125 (51.0 x 105.0)	13.7	14.5
47 000.0	36DY473F075CF2A	2.500 x 5.625 (64.0 x 143.0)	6.7	26.9
47 000.0	36DY473F075DC2A	3.000 x 4.125 (76.0 x 105.0)	8.9	23.2
120 000.0	36DY124F075DJ2A	3.000 x 8.625 (76.0 x 219.0)	5.0	41.5
<b>100 WV<sub>DC</sub> AT +85 °C, SURGE = 125 V</b>				
1800.0	36DY182F100AM2A	1.375 x 2.625 (35.0 x 67.0)	56.0	4.82
4700.0	36DY472F100AC2A	1.375 x 4.125 (35.0 x 105.0)	32.0	7.68
4700.0	36DY472F100BM2A	2.000 x 2.625 (51.0 x 67.0)	30.0	8.29
10 000.0	36DY103F100BC2A	2.000 x 4.125 (51.0 x 105.0)	16.3	13.3
10 000.0	36DY103F100CB2A	2.500 x 3.125 (64.0 x 79.0)	14.8	14.5
18 000.0	36DY183F100DL2A	3.000 x 3.625 (76.0 x 92.0)	11.2	19.7
33 000.0	36DY333F100DE2A	3.000 x 5.125 (76.0 x 130.0)	7.9	26.7
<b>150 WV<sub>DC</sub> AT +85 °C, SURGE = 175 V</b>				
2700.0	36DY272F150AF2A	1.375 x 5.625 (35.0 x 143.0)	35.0	6.84
2200.0	36DY222F150BB2A	2.000 x 3.125 (51.0 x 79.0)	57.0	5.22
5600.0	36DY562F150BF2A	2.000 x 5.625 (51.0 x 143.0)	22.0	10.66
10 000.0	36DY103F150CF2A	2.500 x 5.625 (64.0 x 143.0)	12.0	16.43
10 000.0	36DY103F150DC2A	3.000 x 4.125 (76.0 x 105.0)	17.0	13.68
<b>200 WV<sub>DC</sub> AT +85 °C, SURGE = 250 V</b>				
1000.0	36DY102F200AB2A	1.375 x 3.125 (35.0 x 79.0)	84.0	1.5
1500.0	36DY152F200BM2A	2.000 x 2.625 (51.0 x 67.0)	72.0	4.36
2200.0	36DY222F200BL2A	2.000 x 3.625 (51.0 x 92.0)	49.0	5.97
2700.0	36DY272F200BC2A	2.000 x 4.125 (51.0 x 105.0)	40.0	6.95
3300.0	36DY332F200CB2A	2.500 x 3.125 (64.0 x 79.0)	32.0	8.03
4700.0	36DY472F200CC2A	2.500 x 4.125 (64.0 x 105.0)	22.0	10.73
10 000.0	36DY103F200DE2A	3.000 x 5.125 (76.0 x 130.0)	14.0	16.36



<b>ELECTRICAL DATA AND ORDERING INFORMATION</b>				
<b>CAPACITANCE (<math>\mu</math>F)</b>	<b>PART NUMBER</b>	<b>NOMINAL CASE SIZE D x L</b>	<b>MAX. ESR AT 25 °C (m<math>\Omega</math>) 120 Hz</b>	<b>MAX. RIPPLE AT +85 °C (A) 120 Hz</b>
<b>250 WV<sub>DC</sub> AT +85 °C, SURGE = 300 V</b>				
560.0	36DY561F250AM2A	1.375 x 2.625 (35.0 x 67.0)	132.0	2.55
1000.0	36DY102F250AL2A	1.375 x 3.625 (35.0 x 92.0)	74.0	3.89
2700.0	36DY272F250BD2A	2.000 x 4.625 (51.0 x 117.0)	34.0	7.90
3300.0	36DY332F250BF2A	2.000 x 5.625 (51.0 x 143.0)	29.0	9.44
2700.0	36DY272F250CB2A	2.500 x 3.125 (64.0 x 79.0)	34.0	7.79
4700.0	36DY472F250DL2A	3.000 x 3.625 (76.0 x 92.0)	24.0	10.99
10 000.0	36DY103F250DF2A	3.000 x 5.625 (76.0 x 143.0)	11.0	19.14
<b>350 WV<sub>DC</sub> AT +85 °C, SURGE = 400 V</b>				
470.0	36DY471F350AB2A	1.375 x 3.125 (35.0 x 79.0)	272.0	1.91
1000.0	36DY102F350AF2A	1.375 x 5.625 (35.0 x 143.0)	128.0	3.58
1000.0	36DY102F350BL2A	2.000 x 3.625 (51.0 x 92.0)	136.0	3.58
1800.0	36DY182F350BF2A	2.000 x 5.625 (51.0 x 143.0)	76.0	5.73
3300.0	36DY332F350DC2A	3.000 x 4.125 (76.0 x 105.0)	44.0	8.50
4700.0	36DY472F350DE2A	3.000 x 5.125 (76.0 x 130.0)	31.0	10.99
<b>400 WV<sub>DC</sub> AT +85 °C, SURGE = 450 V</b>				
270.0	36DY271F400AM2A	1.375 x 2.625 (35.0 x 67.0)	429.0	1.41
680.0	36DY681F400AE2A	1.375 x 5.125 (35.0 x 130.0)	170.0	2.98
1000.0	36DY102F400BC2A	2.000 x 4.125 (51.0 x 105.0)	123.0	3.96
2200.0	36DY222F400CD2A	2.500 x 4.625 (64.0 x 117.0)	55.0	7.09
2700.0	36DY272F400DC2A	3.000 x 4.125 (76.0 x 105.0)	48.0	8.14
6800.0	36DY682F400DJ2A	3.000 x 8.625 (76.0 x 219.0)	19.0	17.36
<b>450 WV<sub>DC</sub> AT +85 °C, SURGE = 525 V</b>				
330.0	36DY331F450AB2A	1.375 x 3.125 (35.0 x 79.0)	317.0	1.77
680.0	36DY681F450AE2A	1.375 x 5.125 (35.0 x 130.0)	164.0	3.13
1000.0	36DY102F450BC2A	2.000 x 4.125 (51.0 x 105.0)	113.0	4.13
2700.0	36DY272F450CF2A	2.500 x 5.625 (64.0 x 143.0)	42.0	8.78
3300.0	36DY332F450DD2A	3.000 x 4.625 (76.0 x 117.0)	36.0	10.20
5600.0	36DY562F450DJ2A	3.000 x 8.625 (76.0 x 219.0)	21.0	16.51

Statements about product lifetime are based on calculations and internal testing. They should only be interpreted as estimations. Also due to external factors, the lifetime in the field application may deviate from the calculated lifetime. In general, nothing stated herein shall be construed as a guarantee of durability.



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