+85°C and +95°C Large Can Aluminum Capacitors

Features —

- The Industry Standard for Large Can Aluminum Capacitors
- Ideal for High Wattage Power Supplies and Energy Storage Applications
- Largest Capacitance Available
- Highest Voltage Available
- Metric Threads and Stud Mount Versions Included
- Replaces Type 36DY

General Specifications —

Operating Temperature:

-40°C to +95°C: 6.3 - 100 VDC. -40°C to +85°C: 125 - 500 VDC.

Voltage Range: 6.3 - 500 VDC.

Capacitance Range: 100µF - 2.2F.

Capacitance Tolerance: -10%, +50%.

Case Size Range: 1.375" x 1.625" -

3.0" x 8.675".

Termination: Screw insert or solderable terminals.

Life Validation Test: 2000 hours at +85°C:

 Δ CAP \leq 15% from initial measurement.

 Δ ESR \leq 1.5x initial specified limit.

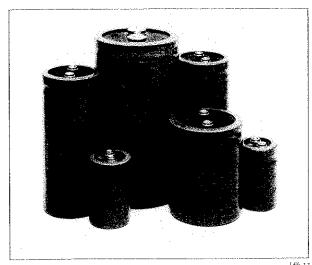
 Δ DCL \leq initial specified limit.

Shelf Test: 500 hours at +85°C:

 Δ CAP \leq 15% from initial measurement.

 Δ ESR \leq 1.2x initial specified limit.

 Δ DCL \leq 2x initial specified limit.



L65-1

DC Leakage Current: 5 min. charge time.

 $I = K \sqrt{CV}$

 $K = 4.0 \text{ at } +25^{\circ}\text{C}; 32.0 \text{ at } +85^{\circ}\text{C}.$ C in $\mu\text{F}, \text{V}$ 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	2.0
	& below	

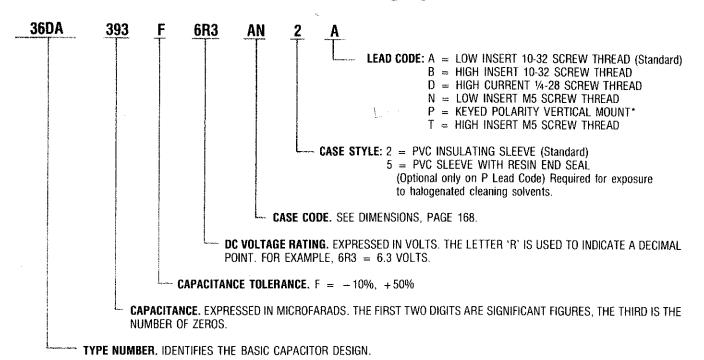
FREQUENCY Hz

	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
	301-500	1.0	1.20	1.30

Performance Characteristics — SEE PAGE 2.

Type 36DA

Catalog Numbering System



^{*}Available on 1.375", 1.750" and 2.000" diameter units.



		Nominal Case Size (inch)	Max. ESR 120Hz, +25°C	Max. Ripple Current 120Hz, +85°C	
μF	Catalog Number	D x L	$(m\Omega)$	(A)	
<u></u>	6.3 VOLTS DC	WORKING; 8 VOLTS I	OC SURGE	· · · · · · · · · · · · · · · · · · ·	
39,000	36DA393F6R3AN2A	1.375 x 1.625	45.3	4.45	
68,000	36DA683F6R3AA2A	1.375 x 2.125	28.9	6.13	
82,000	36DA823F6R3AM2A	1.375 x 2.625	22.1	7.63	
100,000	36DA124F6R3AB2A	1.375 x 3.125	18.3	9.00	
120,000		1.375 x 4.125	14.3	11.44	
150,000	36DA154F6R3AC2A		13.1	12.54	
180,000	36DA184F6R3AD2A	1.375 x 4.625			
220,000	36DA224F6R3AE2A	1.375 x 5.125	12.2	13.60	
82,000	36DA823F6R3BY2A	2.000 x 1.875	21.9	8.62	
120,000	36DA124F6R3BA2A	2.000 x 2.125	17.0	10.18	
180,000	36DA184F6R3BM2A	2.000 x 2.625	12.1	13.02	
220,000	36DA224F6R3BB2A	2.000 x 3.125	9.7	15.50	
270,000	36DA274F6R3BL2A	2.000 x 3.625	8.3	17.73	
	36DA274F6R3BC2A	2.000 x 4.125	7.4	19,78	
330,000			6.7	21.80	
390,000	36DA394F6R3BD2A	2.000 x 4.625			
470,000	36DA474F6R3BE2A	2.000 x 5.125	6.2	23.64	
390,000	36DA394F6R3CB2A	2.500 x 3.125	6.3	22.22	
560,000	36DA564F6R3CC2A	2.500 x 4.125	4.8	28.12	
680,000	36DA684F6R3CD2D	2.500 x 4.625	4.4	30.70	
820,000	36DA824F6R3CE2D	2.500 x 5.125	4.1	34.40	
680,000	36DA684F6R3DL2A	3.000 x 3.625	5.5	28.10	
		3.000 x 4.125	4.9	31.20	
820,000	36DA824F6R3DC2D	3.000 X 4.123	4.5	34.00	
1,000,000	36DA105F6R3DD2D	3.000 x 4.625			
1,200,000	36DA125F6R3DE2D	3.000 x 5.125	4.3	36.20	
2,200,000	36DA225F6R3DJ2D	3.000 x 8.625	3.2	51.78	
	10 VOLTS DC	WORKING; 12 VOLTS			
27,000	36DA273F010AN2A	1.375 x 1.625	46.3	4.40	
47,000	36DA473F010AA2A	1.375 x 2.125	29.5	6.07	
68,000	36DA683F010AM2A	1.375 x 2.625	22.5	7.56	
82,000	36DA823F010AB2A	1.375 x 3.125	18.6	8.93	
100,000	36DA104F010AL2A	1.375 x 3.625	16.2	10.16	
120,000	36DA124F010AC2A	1.375 x 4.125	14.5	11.36	
150,000	36DA154F010AD2A	1.375 x 4.625	13.3	12.44	
180,000	36DA184F010AF2A	1.375 x 5.625	11.6	14.55	
	000 4000004000004	2.000 x 1.875	22.3	8.54	
68,000	36DA683F010BY2A		17.3	10.09	
82,000	36DA823F010BA2A	2.000 x 2.125	11.3	10.03	
120,000	36DA124F010BM2A	2.000 x 2.625	12.3	12.91	
180,000	36DA184F010BB2A	2.000 x 3.125	9.9	15.34	
220,000	36DA224F010BL2A	2.000 x 3.625	8.4	17.62	
270,000	36DA274F010BC2A	2.000 x 4.125	7.5	19.65	
330,000	36DA334F010BE2A	2.000 x 5.125	6.3	23.45	
390,000	36DA394F010BF2A	2.000 x 5.625	5.9	25.21	
030,000					
270,000	36DA274F010CB2A	2.500 x 3.125 2.500 x 4.125	6.4 5.0	21.90 27.60	
470,000	36DA474F010CC2A			28.30	
560,000 680,000	36DA564F010CE2A 36DA684F010CF2D	2.500 x 5.125 2.500 x 5.625	4.8 4.2	28.30 34.00	
•					
560,000	36DA564F010DL2A	3.000 x 3.625	5.5	28.10	
680,000	36DA684F010DC2D	3.000 x 4.125	5.0	30.90	
820,000	36DA824F010DD2D	3,000 x 4.625	4.5	34.00	
1,000,000	36DA105F010DF2D	3.000 x 5.625	4.1	38.40	
1.434343.43434			3.2	51.80	



	JIAN	UARU RAII	IA (1) 2	
		Nominal Case Size (inch)	Max. ESR 120Hz, +25°C	Max. Ripple Current 120Hz, +85°C
μF	Catalog Number	D x L	$(m\Omega)$	(A)
	16 VOLTS DC	WORKING; 20 VOLTS D	IC SURGE	
18,000	36DA183F016AN2A	1.375 x 1.625	47.7	4.30
33,000	36DA333F016AA2A	1.375 x 2.125	30.4	5.90
47,000	36DA473F016AM2A	1.375 x 2.625	23.1	7.40
56,000	36DA563F016AB2A	1.375 x 3.125	19.1	8.80
68,000	36DA683F016AL2A	1.375 x 3.625	16.6	10.00
82,000		1.375 x 4.125		
100,000	36DA823F016AC2A	1.375 x 4.125	14.8	11.20
120,000	36DA104F016AD2A 36DA124F016AF2A	1.375 x 4.625 1.375 x 5.625	13.6 11.8	12.30 14.40
39,000	36DA393F016BY2A	2.000 x 1.875	23.0	8.40
56,000	36DA563F016BA2A	2.000 x 2.125	17.7	9.90
82,000	36DA823F016BM2A	2.000 x 2.625	12.6	12.70
120,000	36DA124F016BB2A	2.000 x 3.125	10.1	15.10
150,000	36DA154F016BL2A	2.000 x 3.625	8.6	17.40
180,000	36DA184F016BC2A	2.000 x 4.125	7.6	19.50
220,000	36DA224F016BE2A	2.000 x 5.125	6.4	23.20
270,000	36DA274F016BF2A	2.000 x 5.625	6.0	25.00
180,000	36DA184F016CB2A	2.500 x 3.125	6.6	21.60
270,000	36DA274F016CC2A	2.500 x 4.125	5.1	27.20
330,000	36DA334F016CD2A	2.500 x 4.125 2.500 x 4.625	4.8	
390,000	36DA394F016CE2D	2.500 x 4.025 2.500 x 5.125		29.40
470,000		2.500 x 5.125 2.500 x 5.625	4.7	30.10
	36DA474F016CF2D		4.2	33.30
390,000	36DA394F016DL2A	3.000 x 3.625	5.5	28.10
470,000	36DA474F016DC2D	3.000 x 4.125	5.3	30.80
560,000	36DA564F016DE2D	3.000 x 5.125	4.3	36.10
680,000	36DA684F016DF2D	3.000 x 5.625	4.1	38.30
1,000,000	36DA105F016DJ2D	3,000 x 8.625	3.2	51.70
	25 VOLTS OC	WORKING; 30 VOLTS D	C SURGE	
8,200	36DA822F025AN2A	1.375 x 1.625	51.5	4.10
12,000	36DA123F025AA2A	1.375 x 2.125	32.6	5.70
18,000	36DA183F025AM2A	1.375 x 2.625	24.7	7.20
27,000	36DA273F025AB2A	1.375 x 3.125	20.3	8.50
33,000	36DA333F025AL2A	1.375 x 3.625	17.6	9.70
39,000	36DA393F025AC2A	1.375 x 4.125	15.7	10.90
47,000	36DA473F025AE2A	1.375 x 5.125	13.2	13.00
56,000	36DA563F025AF2A	1.375 x 5.625	12.4	14.00
18,000	36DA183F025BY2A			
22,000	36DA223F025BA2A	2.000 x 1.875	25.1	8.00
		2.000 x 2.125	19.3	9.50
39,000 47,000	36DA393F025BM2A	2.000 x 2.625	13.7	12.20
47,000	36DA473F025BB2A	2.000 x 3.125	10.9	14.60
68,000	36DA683F025BL2A	2.000 x 3.625	9.2	16.80
82,000	36DA823F025BC2A	2.000 x 4.125	8.1	18.90
100,000	36DA104F025BE2A	2.000 x 5.125	6.8	22.50
120,000	36DA124F025BF2A	2.000 x 5.625	6.3	24.30
82,000	36DA823F025CB2A	2.500 x 3.125	8.9	18.60
120,000	36DA124F025CC2A	2.500 x 4.125	6.7	23.80
150,000	36DA154F025CD2A	2.500 x 4.625	6.0	26.30
180,000	36DA184F025CE2A	2.500 x 5.125	5.6	28.40
150,000	36DA154F025DL2A	3.000 x 3.625	5.8	27.40
180,000	36DA184F025DC2D	3.000 x 4.125	5.2	30.30
220,000	36DA224F025DD2D	3.000 x 4.625	4.9	32.60
270,000	36DA274F025DE2D	3.000 x 5.125	4.5	35.30
470,000	36DA474F025DJ2D	3.000 x 8.625	3.5	49.50
		J.220 A V.0EU	0.0	10.00



	of the trans	Nominal Case	Max. ESR	Max. Ripple Current
μF	Catalan Number	Size (inch)	120Hz, +25°C	120Hz, +85°C
μΓ	Catalog Number	D x L	$(m\Omega)$	(A)
The state of the s	~ 	WORKING: 40 VOLTS (OG SURGE	
5,600	36DA562F035AN2A	1.375 x 1.625	63.9	3.70
10,000	36DA103F035AA2A	1.375 x 2.125	39.9	5.20
15,000	36DA153F035AM2A	1.375 x 2.625	29.9	6.50
18,000	36DA183F035AB2A	1.375 x 3.125	24.3	7.80
22,000	36DA223F035AL2A	1.375 x 3.625	20.9	8.90
27,000	36DA273F035AC2A	1.375 x 4.125	18.5	10.00
33,000	36DA333F035AD2A	1.375 x 4.625	16.7	11.10
39,000	36DA393F035AE2A	1.375 x 5.125	15.4	12.10
12,000	36DA123F035BY2A	2.000 x 1.875	33.1	7.00
18,000	36DA183F035BA2A	2.000 x 2.125	25.2	8.30
27,000	36DA273F035BM2A	2.000 x 2.625	17.6	10.70
39,000	36DA393F035BB2A	2.000 x 3.125	13.8	12.90
47,000	36DA473F035BL2A	2.000 x 3.625	11.5	15.00
56,000	36DA563F035BC2A	2.000 x 4.125	10.0	17.00
68,000	36DA683F035BD2A	2.000 x 4.625	9.0	18.80
82,000	36DA823F035BE2A	2.000 x 5.125	8.2	20.50
68,000	36DA683F035CB2A	2.500 x 3.125	8.9	18.60
100,000	36DA104F035CC2A	2.500 x 4.125	6.7	23.80
120,000	36DA124F035CD2A	2.500 x 4.625	6.2	25.90
150,000	36DA154F035CF2D	2.500 x 5.625	5.2	30.60
120,000	36DA124F035DL2A	3.000 x 3.625	9.8	21.00
150,000	36DA154F035DC2A	3.000 x 4.125	8.5	23.60
180,000	36DA184F035DD2A	3.000 x 4.625	7.5	26.30
220,000	36DA224F035DF2D	3.000 x 5.625	6.2	31.20
330,000	36DA334F035DJ2D	3.000 x 8.625	4.5	43.60
	50 VOLTS DC	WORKING; 63 VOLTS D	C SURGE	
3,900	36DA392F050AN2A	1.375 x 1.625	64.0	3.70
6,800	36DA682F050AA2A	1.375 x 2.125	40.0	5.20
10,000	36DA103F050AM2A	1.375 x 2.625	29.0	6.60
12,000	36DA123F050AB2A	1.375 x 3.125	24.0	7.80
15,000	36DA153F050AL2A	1.375 x 3.625	20.0	9.10
18,000	36DA183F050AC2A	1.375 x 4.125	18.2	10.10
22,000	36DA223F050AD2A	1.375 x 4.625	16.3	11.20
27,000	36DA273F050AF2A	1.375 x 5.625	14.0	13.20
8,200	36DA822F050BY2A	2.000 x 1.875	31.0	7.20
12,000	36DA123F050BA2A	2.000 x 2.125	24.0	8.50
18,000	36DA183F050BM2A	2.000 x 2.625	16.9	11.00
27,000	36DA273F050BB2A	2.000 x 3.125	13.3	13.20
33,000	36DA333F050BL2A	2.000 x 3.625	11.9	14.80
39,000	36DA393F050BC2A	2.000 x 4.125	10.4	16.60
47,000	36DA473F050BD2A	2.000 x 4.625	8.9	18.90
56,000	36DA563F050BF2A	2.000 x 5.625	7.7	22.00
47,000	36DA473F050CB2A	2.500 x 3.125	9.5	18.10
68,000	36DA683F050CC2A	2.500 x 4.125	7.1	23.10
82,000	36DA823F050CD2A	2.500 x 4.625	6.4	25.50
100,000	36DA104F050CF2A	2.500 x 5.625	5.9	28.10
82,000	36DA823F050DL2A	3.000 x 3.625	6.2	26.50
100,000	36DA104F050DC2A	3.000 x 4.125	5.6	29.20
120,000	36DA124F050DD2D	3.000 x 4.625	5.1	31.90
150,000	36DA154F050DF2D	3.000 x 5.625	4.5	36.70
220,000	36DA224F050DJ2D	3.000 x 8.625	3.6	00.70



Marriad Cons 84 CCD	Max. Ripple Current
Nominal Case Max. ESR Size (inch) 120Hz, +25°C	120Hz, +85°C
μ F Catalog Number D x L (m Ω)	(A)
63 VOLTS DE WORKING; 79 VOLTS DE SURGE	
	0.00
2,700 36DA272F063AN2A 1.375 x 1.625 69.0 4,700 36DA472F063AA2A 1.375 x 2.125 42.0	3.62 5.10
6,800 36DA682F063AM2A 1.375 x 2.625 31.0	6.47
8,200 36DA822F063AB2A 1.375 x 3.125 25.0	7.72
10,000 36DA103F063AL2A 1.375 x 3.625 22.0	8.75
12,000 36DA123F063AC2A 1.375 x 4.125 19.2	9.87
15,000 36DA153F063AD2A 1.375 x 4.625 17.2	11.00
18,000 36DA183F063AE2A 1.375 x 5.125 15.7	12.00
6,800 36DA682F063BY2A 2.000 x 1.875 32.0	7.08
8,200 36DA822F063BA2A 2.000 x 2.125 25.0	8.42
12,000 36DA123F063BM2A 2.000 x 2.625 17.4	10.90
18,000 36DA183F063BB2A 2.000 x 3.125 13.9	13.00
22,000 36DA223F063BL2A 2.000 x 3.625 11.7	15.00
27,000 36DA273F063BC2A 2.000 x 4.125 10.2	16.90
33,000 36DA333F063BD2A 2.000 x 4.625 9.1	18.70
39,000 36DA393F063BF2A 2.000 x 5.625 7.8	21.90
27,000 36DA273F063CB2A 2.500 x 3.125 9.7	17.90
47,000 36DA473F063CC2A 2.500 x 4.125 7.3	22.80
56,000 36DA563F063CD2A 2.500 x 4.625 6.6	25.10
68,000 36DA683F063CF2A 2.500 x 5.625 5.7	29.20
56,000 36DA563F063DL2A 3.000 x 3.625 6.3	26.30
68,000 36DA683F063DC2A 3.000 x 4.125 5.7	28.90
82,000 36DA823F063DD2D 3.000 x 4.625 5.2	31.60
100,000 36DA104F063DF2D 3.000 x 5.625 4.5	36.70
150,000 36DA154F063DJ2D 3.000 x 8.625 3.7	48.20
100 VOLTS DC WORKING; 125 VOLTS DC SURGE	
1,200 36DA122F100AN2A 1.375 x 1.625 116.5	2.70
2,200 36DA222F100AA2A 1.375 x 2.125 70.9	3.90
3,300 36DA332F100AM2A 1.375 x 2.625 51.8	4.90
3,900 36DA392F100AB2A 1.375 x 3.125 41.4	5.90
4,700 36DA472F100AL2A 1.375 x 3.625 34.7	6.90
5,600 36DA562F100AC2A 1.375 x 4.125 30.2	7.80
6,800 36DA682F100AD2A 1.375 x 4.625 25.0	9.43
8,200 36DA822F100AF2A 1.375 x 5.625 22.3	10.40
2,700 36DA272F100BY2A 2.000 x 1.875 59.0	5.27
3,900 36DA392F100BA2A 2.000 x 2.125 46.0	6.19
5,600 36DA562F100BM2A 2.000 x 2.625 30.0	8.29
8,200 36DA822F100BB2A 2.000 x 3.125 23.0	10.00
10,000 36DA103F100BL2A 2.000 x 3.625 18.9 12,000 36DA123F100BC2A 2.000 x 4.125 16.3	11.80
	13.30 14.70
15,000 36DA153F100BD2A 2.000 x 4.625 14.8 18,000 36DA183F100BF2A 2.000 x 5.625 12.3	17.40
15,000 36DA153F100CB2A 2.500 x 3.125 14.8 18,000 36DA183F100CC2A 2.500 x 4.125 10.4	14.50 19.10
22,000 36DA223F100CD2A 2.500 x 4.625 9.5	20.90
27,000 36DA223F100CE2A 2.500 x 5.125 8.6	20.90
33,000 36DA333F100CF2A 2.500 x 5.625 7.8	25.00
27,000 36DA273F100DL2A 3.000 x 3.625 11.2	19.70
33,000 36DA333F100DC2A 3.000 x 4.125 9.7	22.20
39,000 36DA393F100DD2A 3.000 x 4.625 8.6	24.50
47,000 36DA473F100DF2A 3.000 x 5.625 7.0	29.30
68,000 36DA683F100DJ2D 3.000 x 8.625 5.4	39.90



		Nominal Case Size (inch)	Max. ESR 120Hz, +25°C	Max. Ripple Current 120Hz, +85°C
μF	Catalog Number	D x L	$(m\Omega)$	(A)
	160 VGI 18 UC	WORKING 200 VOLUS	DC SURGE	The second secon
560	36DA561F160AN2A	1.375 x 1.625	242.1	1.50
1,000	36DA102F160AA2A	1.375 x 2.125	145.0	2.20
1,500	36DA152F160AM2A	1.375 x 2.625	104.4	2.80
1,800	36DA182F160AB2A	1.375 x 3.125	82.1	3.40
2,200	36DA222F160AL2A	1.375 x 3.625	68.0	
2,700	36DA272F160AC2A	1.375 x 4.125	58.2	4.00
3,300	36DA332F160AD2A	1.375 x 4.625	51.1	4.60
3,900	36DA392F160AE2A	1.375 x 4.025	45.7	5.10 5.70
1,200	36DA122F160BY2A	2.000 x 1.875	174.9	2.40
1,800	36DA182F160BA2A	2.000 x 2.125	131.2	2.90
2,700	36DA272F160BM2A	2.000 x 2.625	88.3	3.90
3,900	36DA392F160BB2A	2.000 x 3.125	67.3	4.80
4,700	36DA472F160BL2A	2.000 x 3.625	54.7	5.60
5,600	36DA562F160BC2A	2.000 x 4.125	46.4	6.40
6,800	36DA682F160BD2A	2.000 x 4.625	40.5	7.20
8,200	36DA822F160BE2A	2.000 x 5.125	36.1	7.90
6,800	36DA682F160CB2A	2.500 x 3.125	33.7	7.80
10,000	36DA103F160CC2A	2.500 x 4.125	23.3	10.40
12,000	36DA123F160CD2A	2.500 x 4.625	20.3	11.60
15,000	36DA153F160CF2A	2.500 x 5.625	16.4	14.00
12,000	36DA123F160DL2A	3.000 x 3.625	29.4	9.90
15,000	36DA153F160DC2A	3.000 x 4.125	24.9	11.30
18,000	36DA183F160DD2A	3.000 x 4.625	21.7	12.60
22,000	36DA223F160DF2A	3.000 x 5.625	17.4	15.20
33,000	36DA333F160DJ2A	3.000 x 8.625	11.5	22.30
	200 VOLTS DE	WORKING: 256 VOLTS	DC SUAGE	
470	36DA471F200AN2A	1.375 x 1.625	254.0	1.54
680	36DA681F200AA2A	1.375 x 2.125	150.0	2.20
1,000	36DA102F200AM2A	1.375 x 2.625	102.0	2.90
1,500	36DA152F200AB2A	1.375 x 3.125	84.0	3.43
1,800	36DA182F200AL2A	1.375 x 3.625	70.0	4.00
2,200	36DA222F200AD2A	1.375 x 4.625	57.9	4.80
2,700	36DA272F200AE2A	1.375 x 5.125	47.0	5.66
1,000	36DA102F200BY2A	2.000 x 1.875	158.0	2.62
1,200	36DA122F200BA2A	2.000 x 2.125	108.0	3.30
2,200	36DA222F200BM2A	2.000 x 2.625	72.0	4.36
2,700	36DA272F200BB2A	2.000 x 3.125	60.0	5.09
3,300	36DA332F200BL2A	2.000 x 3.625	49.0	5.97
3,900	36DA392F200BC2A	2.000 x 4.125	40.0	6.95
4,700	36DA472F200BD2A	2.000 x 4.625	33.0	8.02
5,600	36DA562F200BE2A	2.000 x 5.125	33.0	8.39
6,800	36DA682F200BF2A	2.000 x 5.625	23.0	10.42
4,700	36DA472F200CB2A	2.500 x 3.125	32.0	8.03
6,800	36DA682F200CC2A	2.500 x 4.125	22.0	10.73
8,200	36DA822F200CD2A	2.500 x 4.625	19.0	12.07
10,000	36DA103F200CE2A	2.500 x 5.125	19.7	12.07
0 വസ	<u>ሳርሽ ለፀባባድውውው</u> ፤ ላለ	0.000		
8,200 10,000	36DA822F200DL2A	3.000 x 3.625	20.0	12.04
	36DA103F200DC2A	3.000 x 4.125	20.0	12.50
12,000 15,000	36DA123F200DD2A	3.000 x 4.625	17.0	14.27
27,000 27,000	36DA153F200DE2A	3.000 x 5.125	14.0	16.36
£1,000	36DA273F200DJ2A	3.000 x 8.625	8.0	26.75

					Case nch)	Max. ESR 120Hz, +25°C	Max. Ripple Current 120Hz, +85°C	
	μF	Catalog Number	D	Χ	L	$(m\Omega)$	(A)	
		25 0 V 01.TS 06	WORKING:	30	0 V01.78	ac sunge		
	330	36DA331F250AN2A			1.625	275.0	1.48	
	560	36DA561F250AA2A			2.125	158.0	2.15	
	820	36DA821F250AM2A	1.375	Х	2.625	132.0	2.55	
	1,000	36DA102F250AB2A	1.375			90.0	3.31	
,	1,200	36DA122F250AL2A			3.625	74.0	3.89	
	1,500	36DA152F250AC2A			4.125	62.0	4.49	
	1,800	36DA182F250AD2A			4.625	65.4	4.55	
	2,200	36DA222F250AE2A	1 375	Y	5.125	49.0	5.54	
	820	36DA821F250BY2A			1.875	165.0	2.56	
	1,000	36DA102F250BA2A	2.000			113.0	3.23	
	1,500	36DA152F250BM2A			2.625	77.0	4.21	
	2,200	36DA222F250B82A			3.125	62.0	5.01	
	2,700	36DA272F250BL2A	2.000			51.0	5.85	
	3,300	36DA332F250BC2A	2.000	Χ	4.125	42.0	6.78	
	3,900	36DA392F250BD2A	2.000	χ	4.625	34.0	7.90	
	4,700	36DA472F250BF2A			5.625	29.0	9.44	
	3,900	36DA392F250CB2A	2 500	v	3.125	34.0	7.79	
	5,600	36DA562F250CC2A			4.125	23.0	10.49	
	6,800	36DA5021 250C02A 36DA682F250CD2A			4.625	19.0	12.07	
	8,200	36DA822F250CF2A			5.625	16.0		
						10.0	14.23	
	6,800	36DA682F250DL2A			3.625	24.0	10.99	
	8,200	36DA822F250DC2A	3.000	Χ	4.125	20.0	12.61	
	10,000	36DA103F250DD2A	3.000	Χ	4.625	17.0	14.27	
	12,000	36DA123F250DF2A			5.625	11.0	19.14	
	18,000	36DA183F250DJ2A			8.625	8.0	26.75	
		300 VOLTS DC	WORKING:	35	o volis	DC SURGE		
	220	36DA221F300AN2A	1 375	×	1.625	833.0	0.85	
	390	36DA391F300AA2A	1.375			548.0	1.15	
	560	36DA561F300AM2A			2.625	351.0	1.56	
	680	36DA681F300AB2A			3.125	259.0	1.96	
	820	36DA821F300AL2A			3.625	220.0	2.25	
	1,000	36DA0211300AC2A			4.125	175.0	2.67	
					4.625			
	1,200	36DA122F300AD2A				162.0	2.91	
	1,500	36DA152F300AE2A	1.373	Х	5.125	118.0	3.60	
	560	36DA561F300BY2A	2.000	Х	1.875	386.0	1.68	
	680	36DA681F300BA2A	2.000	Χ	2.125	268.0	2.09	
	1,200	36DA122F300BM2A			2.625	191.0	2.68	
	1,500	36DA152F300BB2A			3.125	149.0	3.23	
	1,800	36DA182F300BL2A			3.625	124.0	3.74	
	2,200	36DA222F300BC2A			4.125	105.0	4.29	
	2,700	36DA272F300BD2A			4.625	98.0	4.65	
	3,300	36DA332F300BF2A			5.625	72.0	5.89	
	2,700	36DA272F300CB2A			3.125	88.0	4.84	
	3,900	36DA392F300CC2A			4.125	58.0	6.60	
	4,700	36DA472F300CD2A			4.625	48.0	7.59	
	5,600	36DA562F300CF2A	2.500	Χ	5.625	39.0	8.95	
	4,700	36DA472F300DL2A	3.000	χ	3.625	50.0	7.61	
	5,600	36DA562F300DC2A			4.125	41.0	8.81	
	6,800	36DA682F300DD2A			4.625	34.9	9.95	
	8,200	36DA822F300DE2A			5.125	32.0	10.82	
	12,000	36DA123F300DJ2A			8.625	17.5	18.08	

SPECIAL SAFETY SERVICES

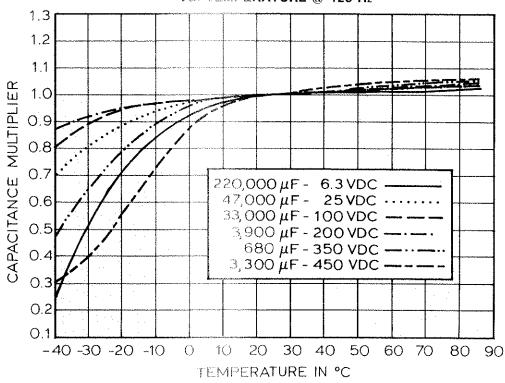
		Nominal Case Size (inch)	Max. ESR 120Hz, +25°C	Max. Ripple Current 120Hz, +85°C	
 μF	Catalog Number	D x L	$(m\Omega)$	(A)	
	Jog VALLA IA	知识自然[新於] 本語 美(體)自然	E 16 1 (2) (413 (44)		
180	36DA181F350AN2A	1.375 x 1.625	853.0	0.84	
270	36DA271F350AA2A	1.375 x 2.125	590.6	1.12	
470	36DA471F350AM2A	1.375 x 2.625	388.0	1.49	
560	36DA561F350AB2A	1.375 x 3.125	272.0		
680	36DA681F350AL2A	1.375 x 3.625		1.91	
820	36DA821F350AC2A	1.375 x 4.125	228.0	2.21	
1,000			188.0	2.58	
1,200	36DA102F350AD2A	1.375 x 4.625	177.0	2.70	
	36DA122F350AF2A	1.375 x 5.625	128.0	3.58	
390 560	36DA391F350BY2A	2.000 x 1.875	412.0	1.62	
820	36DA561F350BA2A	2.000 x 2.125	289.0	2.02	
	36DA821F350BM2A	2.000 x 2.625	200.0	2.61	
1,200	36DA122F350BB2A	2.000 x 3.125	166.0	3.06	
1,500	36DA152F350BL2A	2.000 x 3.625	136.0	3.58	
1,800	36DA182F350BC2A	2.000 x 4.125	113.0	4.13	
2,200	36DA222F350BE2A	2.000 x 5.125	94.3	4.94	
2,700	36DA272F350BF2A	2.000 x 5.625	76.0	5.73	
1,800	36DA182F350CB2A	2.500 x 3.125	90.0	4.79	
2,700	36DA272F350CC2A	2.500 x 4.125	61.0	6.44	
3,300	36DA332F350CD2A	2.500 x 4.625	50.0	7.44	
3,900	36DA392F350CE2A	2.500 x 5.125	48.0	7.92	
4,700	36DA472F350CF2A	2.500 x 5.625	41.0	8.89	
3,900	36DA392F350DL2A	3.000 x 3.625	53.0	7.39	
4,700	36DA472F350DC2A	3.000 x 4.125	44.0	8.50	
5,600	36DA562F350DD2A	3.000 x 4.625	37.0	9.68	
6,800	36DA682F350DF2A	3.000 x 5.625	36.0	10.50	
 10,000	36DA103F350DJ2A	3.000 x 8.625	18.0	17.83	
 	488 VS 10 (xC)	Morking- are kieda	PRINCE STREET		
150	36DA151F400AN2A	1.375 x 1.625	964.0	0.79	
270	36DA271F400AA2A	1.375 x 2.125	643.0	1.06	
390	36DA391F400AM2A	1.375 x 2.625	429.0	1.41	
470	36DA471F400AB2A	1.375 x 3.125	351.0	1.68	
560	36DA561F400AL2A	1.375 x 3.625	246.0	2.13	
680	36DA681F400AC2A	1.375 x 4.125	207.0	2.58	
820	36DA821F400AD2A	1.375 x 4.625	192.0		
1,000	36DA102F400AE2A	1.375 x 5.125	170.0	2.67 2. 9 8	
390	36DA391F400BY2A	2.000 x 1.875	466.0	1.54	
470	36DA471F400BA2A	2.000 x 2.125	372.0	1.78	
680	36DA681F400BM2A	2.000 x 2.625	219.0	2.50	
1,000	36DA102F400BB2A	2.000 x 3.125	181.0		
1,200	36DA122F400BL2A	2.000 x 3.625		2.93	
1,500	36DA152F400BC2A	2.000 x 3.025	150.0	3.41	
1,800	36DA182F400BD2A		123.0	3.96	
		2.000 x 4.625	102.0	4.56	
2,200	36DA222F400BF2A	2.000 x 5.625	82.0	5.52	
1,800	36DA182F400CB2A	2.500 x 3.125	101.0	4.52	
2,700	36DA272F400CC2A	2.500 x 4.125	67.0	5.15	
3,300	36DA332F400CE2A	2.500 x 5.125	55.0	7.39	
3,900	36DA392F400CF2A	2.500 x 5.625	45.0	8.48	
3,300	36DA332F400DL2A	3.000 x 3.625	59.0	7.01	
3,900	36DA392F400DC2A	3.000 x 4.125	48.0	8.14	
4,700	36DA472F400DD2A	3.000 x 4.625	39.0	9.42	
5,600 8,200	36DA562F400DF2A 36DA822F400DJ2A	3.000 x 5.625 3.000 x 8.625	34.6	10.78	
	36-110 G 7 12. ALVISA (77 A.	2 000 0 CHE	19.0	17.36	



		Nominal Case Size (inch)	Max. ESR 120Hz, +25°C	Max. Ripple Current 120Hz, +85°C
μF	Catalog Number	D x L	$(m\Omega)$	(A)
		WORKING: 500 VOLES	110 519950	
120	36DA121F450AN2A	1.375 x 1.625	1048.0	0.76
220	36DA221F450AA2A	1.375 x 2.125	582.0	1.12
330	36DA331F450AM2A	1.375 x 2.625	388.0	1.45
390	36DA391F450AB2A	1.375 x 3.125	317.0	1.77
470	36DA471F450AL2A	1.375 x 3.625	269.0	2.04
560	36DA561F450AC2A	1.375 x 4.125	223.0	2.37
680	36DA681F450AD2A	1.375 x 4.625	187.0	2.71
820	36DA821F450AE2A	1.375 x 5.125	164.0	3.13
270	36DA271F450BY2A	2.000 x 1.875	419.0	1.61
390	36DA391F450BA2A	2.000 x 2.125	343.0	1.85
560	36DA561F450BM2A	2.000 x 2.625	241.0	2.38
820	36DA821F450BB2A	2.000 x 3.125	166.0	3.06
1,000	36DA102F450BL2A	2.000 x 3.625	138.0	3.55
1,200	36DA122F450BC2A	2.000 x 4.125	113.0	4.13
1,500	36DA152F450BD2A	2.000 x 4.625	94.0	4.75
1,800	36DA182F450BF2A	2.000 x 5.625	75.0	5.77
1,500	36DA152F450CB2A	2.500 x 3.125	93.0	4.71
2,200	36DA222F450CC2A	2.500 x 4.125	62.0	6.39
2,700	36DA272F450CE2A	2.500 x 5.125	56.4	7.30
3,300	36DA332F450CF2A	2.500 x 5.625	42.0	8.78
2,700	36DA272F450DL2A	3.000 x 3.625	54.0	7.33
3,300	36DA332F450DC2A	3.000 x 4.125	44.0	8.50
3,900	36DA392F450DD2A	3.000 x 4.625	36.0	10.20
4,700	36DA472F450DF2A	3.000 x 5.625	34.0	10.88
6,800	36DA682F450DJ2A	3.000 x 8.625	21.0	16.51
	500 VBC13 90	woaking, 525 volits	DO SUBCE	
100	36DA101F500AN2A	1.375 x 1.625	1535.6	0.60
150	36DA151F500AA2A	1.375 x 2.125	907.8	0.80
220	36DA221F500AM2A	1.375 x 2.625	645.3	1.10
270	36DA271F500AB2A	1.375 x 3.125	501.1	1.40
390	36DA391F500AL2A	1.375 x 3.625	409.9	1.60
470	36DA471F500AD2A	1.375 x 4.625	301.1	2.10
560	36DA561F500AE2A	1.375 x 5.125	266.1	2.30
680	36DA681F500AF2A	1.375 x 5.625	238.5	2.60
220	36DA221F500BY2A	2.000 x 1.875	719.0	1.20
270	36DA271F500BA2A	2.000 x 2.125	534.8	1.40
470	36DA471F500BM2A	2.000 x 2.625	354.6	1.90
560	36DA561F500BB2A	2.000 x 3.125	265.9	2.40
680	36DA681F500BL2A	2.000 x 3.625	213.1	2.80
820	36DA821F500BC2A	2.000 x 4.125	178.1	3.20
1,000	36DA102F500BD2A	2.000 x 4.625	153.2	3.70
1,200	36DA122F500BE2A	2.000 x 5.125	134.6	4.10

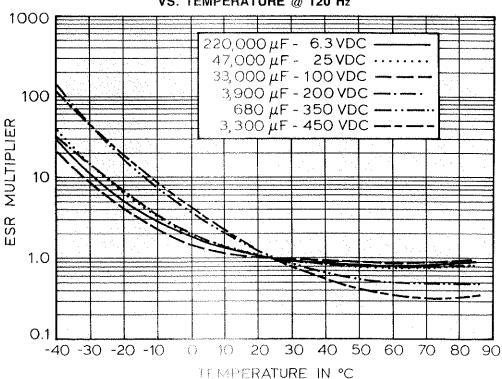




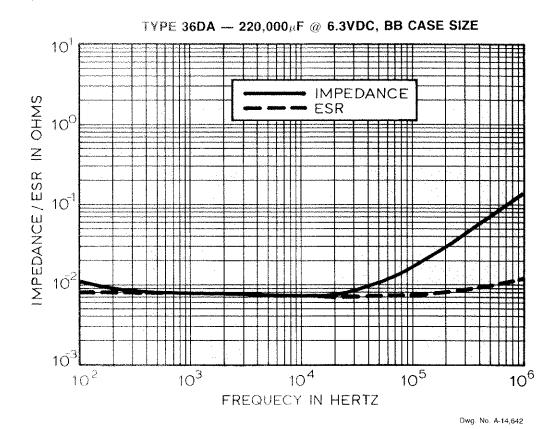


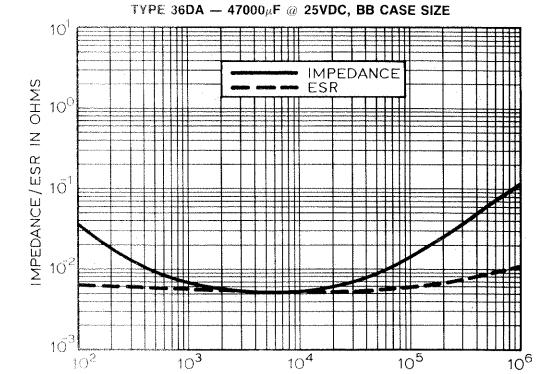
Dwg. No. A-14,714

TYPE 36DA — TYPICAL ESR MULTIPLIER VS. TEMPERATURE @ 120 Hz



Dwg. No. A-14,722



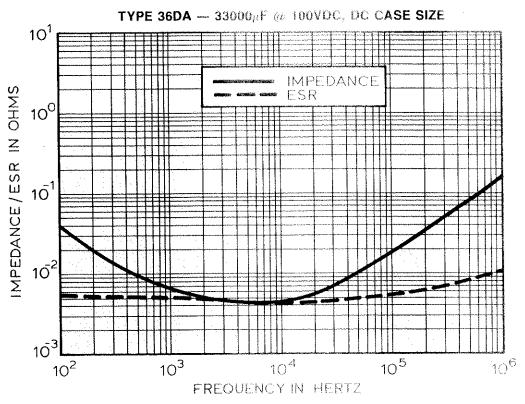


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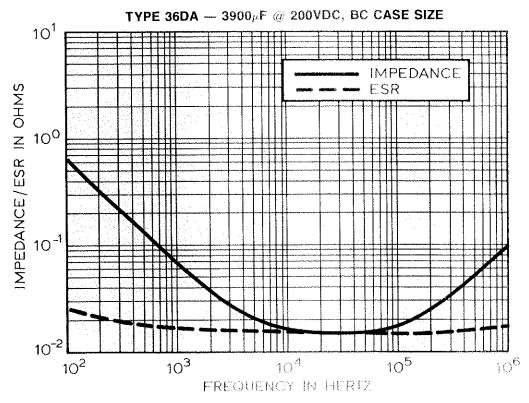
FREQUENCY IN HERTZ

182







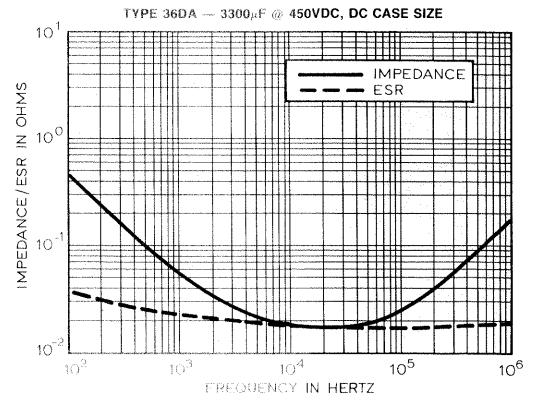


Dwg Un einspie



FREQUENCY IN HERTZ

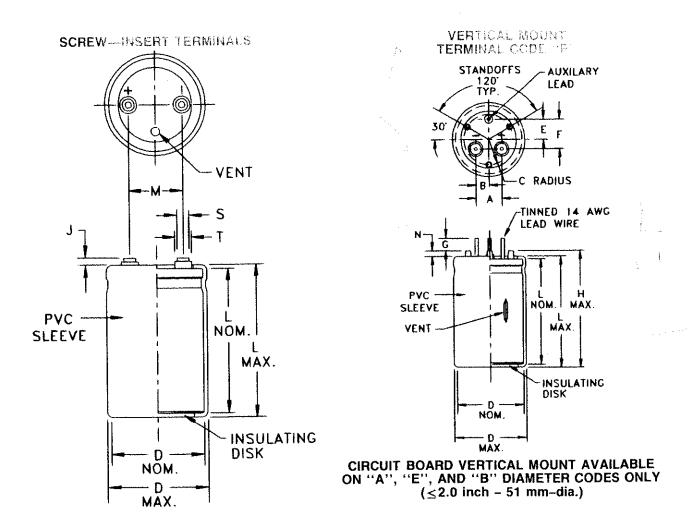
Dwg. No. A-14,638



Dwg. No. A-14,637



OUTLINE DRAWING



SCREW INSERT TERMINAL DIMENSIONS

		Inches			Millimeters					
Terminal Code	Thread	Thread Depth	Height J ± 0.032	Diameter S ± 0.010	Diameter T ± 0.010	Thread Depth	Height J ± 0.8	Diameter S ± 0.25	Diameter T ± 0.25	Notes
A B D I	10-32 NF-28 10-32 NF-28 1/4-28 NF-28 M5 M5	0.219 0.375 0.344 0.375 0.219	0.063 0.250 0.093 0.250 0.063	0.313 0.313 0.688 0.313 0.313	0.438 0.438 0.438	5.6 9.5 8.7 9.5 5.6	1.6 6.4 2.4 6.4 1.6	8.0 8.0 17.5 8.0 8.0	11.1 11.1 11.1	All sizes All sizes C & D Dia. Codes Only 602D, 622D, Series Only 36D Series Only
T	M5	0.375	0.250	0.313	0.438	9.5	6.4	8.0	11.1	36D Series Only

CIRCUIT BOARD MOUNT "P" TERMINAL DIMENSIONS

Inches Nominal Case Diameter	A ± 0.032	B ± 0.032	C* ± 0.032	E ± 0.032	F±0.032	G* ± 0.020	N Min.
1.375 2.000	0.500 0.800	0,250 0,400	0.469 0.750	0.375 0.575	0.550 1.000	0.312 0.312	0.050 0.050
Millimeters Nominal Case Diameter	A ± 0.8	B ± 0.8	C* ± 0.8	E±0.8	F±0.8	G* ± 0.5	N Min.
35 51	12.7 20.3	6.4 10.2	11.9 19.1	9.5 14.6	14.0 25.4	7.9 7.9	1.3 1.3



DIMENSIONS FOR LARGE CAN CAPACITORS

DIMENSIONS IN INCHES

DIMENSIONS IN MILLIMETERS

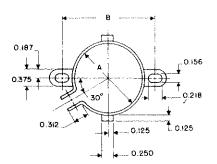
	Morphan Maria Cia		~	Name of the Court											
:	Nominal With Insulating Sleeve			Terminal		Nominal			With Insulating Sleeve			Terminal	Typical		
Case			!		(P Term)	Spacing		Case	D±	ϱ			(P Term)	Spacing	Weight
Code	$0 \pm 0.032"$	L ± 0.063"	D Max.	L Max.	H Max.	M ± 0.016"		Code		1.6mm	D Max.	L Max.	H Max.	M ± 0.4mm	(Grams)
AN	1.375	1.625	1.453	1.750	1.849	0.500		AN	35	41	36.9	44.5	47.0	12.7	43
AY	1.375	1.875	1.453	2.000	2.099	0.500		AY	35	48	36.9	50.8	53.3	12.7	54
AA	1.375	2.125	1.453	2.250	2.349	0.500		AA	35	54	36.9	57.2	59.7	12.7	63
AM	1.375	2.625	1.453	2.750	2.849	0.500		AM	35	67	36.9	69.9	72.4	12.7	82
AB	1.375	3.125	1.453	3.250	3.349	0.500		AB	35	79	36.9	82.6	85.1	12.7	105
AL	1.375	3.625	1.453	3.750	3.849	0.500		AL.	35	92	36.9	95.3	97.8	12.7	122
AC	1.375	4.125	1.453	4.250	4.349	0.500		AC	35	105	36.9	108.0	110.5	12.7	129
AD	1.375	4.625	1.453	4.750	4.849	0.500		AD	35	117	36.9	120.7	123.2	12.7	162
AE	1.375	5.125	1.453	5.250	5.349	0.500		AE	35	130	36.9	133.4	125.9	12.7	179
AF	1.375	5.625	1.453	5.750	5.849	0.500		AF	35	143	36.9	146.1	148.6	12.7	201
["]	1.010	0.020	1.400	0.100	0.040	0.500		7.11			55.0		1 10.0	12.1	LUI
EN	1.750	1.625	1.828	1.750	1.849	0.750	ĺ	EN	44	41	46.4	44.5	47.0	19.1	71
EY	1.750	1.875	1.828	2.000	2.099	0.750		EY	44	48	46.4	50.8	53.3	19.1	88
ĒA	1.750	2.125	1.828	2.250	2.349	0.750		ĒĀ	44	54	46.4	57.2	59.7	19.1	102
EM	1.750	2.625	1.828	2.750	2.849	0.750	}	ĒΜ	44	67	46.4	69.9	72.4	19.1	133
ЕB	1.750	3.125	1.828	3.250	3.349	0.750	į	EB	44	79	46.4	82.6	85.1	19.1	167
EL	1.750	3.625	1.828	3.750	3.849	0.750	1	ĒĹ	44	92	46.4	95.3	97.8	19.1	198
EC	1.750	4.125	1.828	4.250	4.349	0.750	1	EC	44	105	46.4	108.0	110.5	19.1	230
ED	1.750	4.625	1.828	4.750	4.849	0.750	i	ED	44	117	46.4	120.7	123.2	19.1	252
EE	1.750	5.125	1.828	5.250	5.349	0.750	Ì	EE	44	130	46.4	133.4	135.9	19.1	269
EF	1.750	5.625	1.828	5.750	5.849	0.750	-	EF	44	143	46.4	146.1	148.6	19.1	318
	7.100	5.020	1,020	0.100	3.043	0.730			7.	110	10.1	140.1	140.0	13.1	310
BY	2.000	1.875	2.078	2.000	2.099	0.875	Į	ВУ	51	48	52.8	50.8	53.3	22.2	113
BA	2.000	2.125	2.078	2.250	2.349	0.875	İ	BA	51	54	52.8	57.2	59.7	22.2	133
BM	2.000	2.625	2.078	2.750	2.849	0.875	ŀ	BM	51	67	52.8	69.9	72.4	22.2	176
ВВ	2.000	3.125	2.078	3.250	3.349	0.875	İ	88	51	79	52.8	82.6	85.1	22.2	213
BL	2.000	3.625	2.078	3.750	3.849	0.875	+	BL.	51	92	52.8	95.3	97.8	22.2	261
BC	2.000	4.125	2.078	4.250	4.349	0.875	İ	BC	51	105	52.8	108.0	110.5	22.2	381
BD	2.000	4.625	2.078	4.750	4.849	0.875]	BD	51	117	52.8	120.7	123.2	22.2	326
BE	2.000	5.125	2.078	5.250	5.349	0.875	1	BE	51	130	52.8	133.4	135.9	22.2	337
BF	2.000	5.625	2.078	5.750	5.849	0.875		BF	51	143	52.8	146.1	148.6	22.2	408
0	2.000	3.023	2.070	0.700	3.043	0.073	1	D.	J,	170	UL.U	140.1	140.0	22.2	400
СВ	2.500	3.125	2.578	3.250	N/A	1.125	į	СВ	64	79	65.5	82.6	N/A	28.6	329
CL	2.500	3.625	2.578	3.750	N/A	1.125		CL	64	92	65.5	95.3	N/A	28.6	400
CC	2.500	4.125	2.578	4.250	N/A	1.125		CC	64	105	65.5	108.0	N/A	28.6	473
CD	2.500	4.625	2.578	4.750	N/A	1.125	į	CD	64	117	65.5	120.7	N/A	28.6	562
CE	2.500	5.125	2.578	5.250	N/A	1.125	-	CE	64	130	65.5	133.4	N/A	28.6	607
CF	2.500	5.625	2.578	5.750	N/A	1.125	ĺ	CF	64	143	65.5	146.1	N/A	28.6	675
,	2.000	0.020	2.570	J. 1 JV	19/73	1.160		0,	04	1-70	00.0	170.1	7977	20.0	01.5
DB	3.000	3.125	3.078	3.250	N/A	1.250		DB .	76	79	78.2	82.6	N/A	31.8	496
DL	3.000	3.625	3.078	3.750	N/A	1.250		DL	76	92	78.2	95.3	N/A	31.8	598
DC	3.000	4.125	3.078	4.250	N/A N/A	1.250		DC	76	105	78.2	108.0	N/A	31.8	700
DO	3.000	4.625	3.078	4.750	N/A N/A	1.250		DD	76	117	78.2	120.7	N/A	31.8	802
DE	3.000	5.125	3.078	5.250	N/A	1.250		DE	76	130	78.2	133.4	N/A	31.8	944
DF	3.000	5.625	3.078	5.750	N/A	1.250		DF	76	143	78.2	146.1	N/A	31.8	1004
DJ	3.000	8.625	3.078	8.750	N/A	1.250	i	DJ	76	219	78.2	222.3	N/A	31.8	1403
1	3.000	0.020	0.070	0.730	IWA	1.200	į	טט		210	10.2	~~~.J	. wm	31.0	1400



LARGE CAN BRACKETS UNCHES)

LARGE CAN BRACKETS (MILLIMETERS)

FIGURE 1



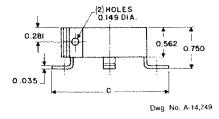
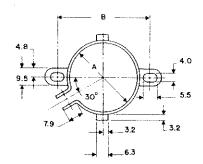


FIGURE 1



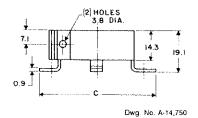
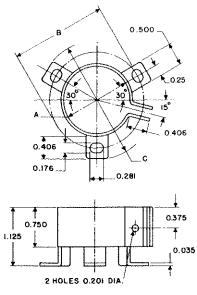
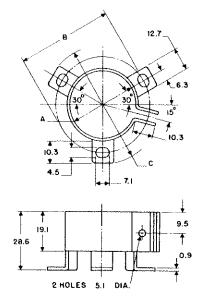


FIGURE 2



Dwg. No. A-14,855

FIGURE 2



Dwg. No. A-14,856

BRACKETS *

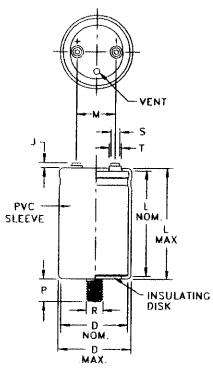
Type	Part Number	Bare Can Dia.	В	С	Figure Number
2 Feet	4586-97A	1.375	1.781	2.218	1
3 Feet	4586-48	2.000	2.500	2.875	2
3 Feet	4586-1	2.500	3.000	3.375	2
3 Feet	4586-2	3.000	3.500	3.875	2

Brackets are steel with zinc electroplate, plus a gold chromate post treatment. Bracket hardware is included.



OUTLINE DRAWING FOR STUD MOUNT OPTION (AS SPECIAL DROER) LARGE CAN CAPACITORS

SCRUTT GUBERT TERMINALS



(NOT AVAILABLE ON "DJ" CASE CODE, "E" DIAMETERS, AND "P" TERMINAL OPTION)

TERMINAL DIMENSIONS

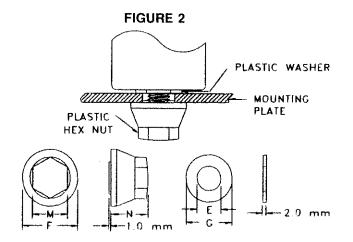
SEE PAGE 167 FOR DIMENSIONS

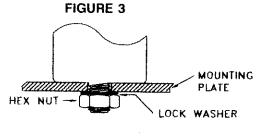
STUD DIMENSIONS

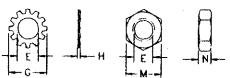
Case	R	P ±1.0mm		
Diameter	Thread	Height		
B, C, D E	M8 M12 N/A	12 16 N/A		

LARGE CAN MODINTING KITS (INSULATED)

LARGE CAN MOUSTING KITS (UNINSULATED)







MOUNTING KITS

(Dimensions	in M	lillime	ers
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Туре	Part Number	E	F	G	H	M	N	Figure Number
Insulated M8	50-8	8 4	25	25 0		17	15	2
🕽 🖯 Uninsulated M8 👚	50-8A	8 4		14.0	0.8	13	4	3
/ Insulated M12	50-8B	13.0	30	25.0		19	20	2
Uninsulated M12	50-8C	13.0		20.5	10	19	7	3

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36DA332F350CD2A ETOR401CTH902QEG8N C1808N680J302T A331PM472M250A 500X822U450DG1B A331LH683M025A
A331LM333M063A A331TW682M500A 500332U050BB2B ALS31B1003NX E32D600LPN133TDA5M 550152M200BC2B
36DX253G075DC2A 101C282U063AK2A DB301V-3.5-3P-GN DB301V-3.5-2P-GN WR479M1JT1LO5 OBJ35 OBJ35A
WL338M2WU1AD6 WL 10000U/100V WL 4700U/200V B43310A5109M000 B43310C9228M000 B43310A9828M000
GT1H109M35060SB GT1H229M35100SB GT1J229M35120SB GT2A229M51100SB GT2W227M35060SB GT2W228M64120SB
WR229M1JS80O5 WR188M2WS1MO5 WL158M2WS1AO5 WR478M2WU1PD6 2738 ALS30A151DB500 ALS30A152KF350
ALS30A682DF100 ALS31A103DE063 ALS40A223DB025 ALS40A223KF063 ALS40A472DF100 ALS40A473DF025