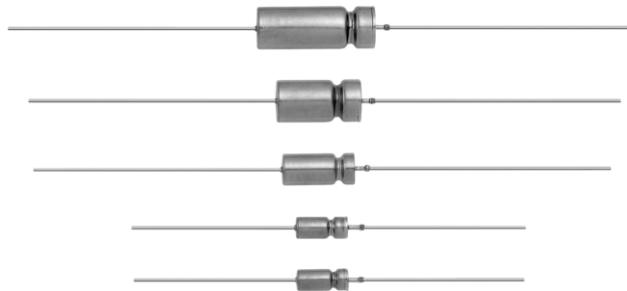


Wet Tantalum Capacitors Tantalum-Case with Glass-to-Tantalum Hermetic Seal for - 55 °C to + 200 °C Operation, Low ESR



FEATURES

- Military specification MIL-PRF-39006/30 and 39006/31. Model 136D capacitors are commercial equivalents of Military style CLR90 and CLR91.
- Capacitors to meet the MIL-specs must be ordered by M39006 part numbers shown in the relative specification.
- Terminations: standard tin/lead (SnPb), 100 % tin (RoHS compliant) available
- Standard and extended ratings
- Low ESR
- Compliant to RoHS directive 2002/95/EC



RoHS*
COMPLIANT

PERFORMANCE CHARACTERISTICS

Operating Temperature: - 55 °C to + 85 °C.
(To + 200 °C with voltage derating.)

Capacitance Tolerance: At 120 Hz, + 25 °C. ± 20 % standard. ± 10 %, ± 5 % available as special.

DC Leakage Current (DCL Max.): At + 25 °C and above: Leakage current shall not exceed the values listed in the Standard Ratings Tables.

Life Test: Capacitors are capable of withstanding a 2000 h life test at a temperature of + 85 °C or + 125 °C at the applicable rated DC working voltage.

Following life test:

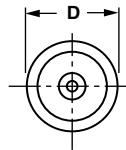
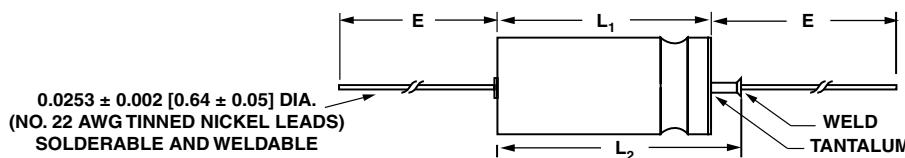
1. DCL, measured at + 85 °C rated voltage, shall not be in excess of the original requirement.
2. The equivalent series resistance shall not exceed 150 % of the initial requirement.
3. Change in capacitance shall not exceed 10 % from the initial measurement.

ORDERING INFORMATION							
136D	306	X0	006	C	2	E3	
MODEL	CAPACITANCE	CAPACITANCE TOLERANCE	DC VOLTAGE RATING AT + 85 °C	CASE CODE	STYLE NUMBER	RoHS COMPLIANT	
	This is expressed in picofarads. The first two digits are the significant figures. The third is the number of zeros to follow	X0 = ± 20 % X9 = ± 10 % X5 = ± 5 %	This is expressed in volts. To complete the three-digit block, zeros precede the voltage rating. A decimal point is indicated by an "R" (6R3 = 6.3 V)	See Ratings and Case Codes Table	Std. temperature (max. + 125 °C) 0 = No insulating sleeve 2 = Polyester insulation sleeve 3 = High temperature film insulation High temperature (max. + 200 °C) 6 = High temperature film insulation 8 = No insulating sleeve	E3 = 100 % tin termination (RoHS compliant design) Blank = SnPb termination (standard design)	

Note

Packaging: The use of formed plastic trays for packaging these axial lead components is standard. Tape and reel is not recommended due to the unit weight.

* Pb containing terminations are not RoHS compliant, exemptions may apply

DIMENSIONS in inches [millimeters]

CASE CODE		D	L ₁	L ₂ (Max.)	E	WEIGHT (g) (Max.)
TYPE	DCLR 79/81 EQUIV.					
C	T1	0.188 ± 0.016 [4.78 ± 0.41]	0.453 + 0.031 - 0.016 [11.51 + 0.79 - 0.41]	0.734 [18.64]	1.500 ± 0.250 [38.10 ± 6.35]	2.6
F	T2	0.281 ± 0.016 [7.14 ± 0.41]	0.641 + 0.031 - 0.016 [16.28 + 0.79 - 0.41]	0.922 [23.42]	2.250 ± 0.250 [57.15 ± 6.35]	6.2
T	T3	0.375 ± 0.016 [9.53 ± 0.41]	0.766 + 0.031 - 0.016 [19.46 + 0.79 - 0.41]	1.047 [26.59]	2.250 ± 0.250 [57.15 ± 6.35]	11.6
K	T4	0.375 ± 0.016 [9.53 ± 0.41]	1.062 + 0.031 - 0.016 [26.97 + 0.79 - 0.41]	1.343 [34.11]	2.250 ± 0.250 [57.15 ± 6.35]	17.7

Note

• For insulated parts, add 0.015" [0.38] to the diameter. The insulation shall lap over the ends of the capacitor body.

STANDARD RATINGS

CAPACITANCE (μ F)	CASE CODE	PART NUMBER ⁽¹⁾	MAX. ESR	MAX. IMP.	MAX. DCL (μ A)	MAX. CAPACITANCE CHANGE (%) at			MAX. RIPPLE 40 kHz I_{rms}	
			at + 25 °C 120 Hz	at - 55 °C 120 Hz	at + 25 °C	+ 85 °C + 125 °C	- 55 °C	+ 85 °C		
6 WVDC at + 85 °C . . . 4 WVDC at + 125 °C . . . 3.6 WVDC at + 200 °C										
30	C	136D306X0006C2	1.99	100	1.0	2.0	- 40	+ 10.5	+ 12	820
68	C	136D686X0006C2	1.58	60	1.0	2.0	- 40	+ 14	+ 16	960
140	F	136D147X0006F2	0.99	40	1.0	3.0	- 40	+ 14	+ 16	1200
270	F	136D277X0006F2	1.11	25	1.0	6.5	- 44	+ 17.5	+ 20	1375
330	T	136D337X0006T2	0.73	20	2.0	7.9	- 44	+ 14	+ 16	1800
560	T	136D567X0006T2	0.65	25	2.0	13.0	- 64	+ 17.5	+ 20	1900
1200	K	136D128X0006K2	0.50	20	3.0	14.0	- 80	+ 25	+ 25	2265
8 WVDC at + 85 °C . . . 5 WVDC at + 125 °C . . . 4.8 WVDC at + 200 °C										
25	C	136D256X0008C2	1.99	100	1.0	2.0	- 40	+ 10.5	+ 12	820
56	C	136D566X0008C2	1.66	59	1.0	2.0	- 40	+ 14	+ 16	900
120	F	136D127X0008F2	1.11	50	1.0	2.0	- 44	+ 17.5	+ 20	1230
220	F	136D227X0008F2	1.12	30	1.0	7.0	- 44	+ 17.5	+ 20	1370
290	T	136D297X0008T2	0.78	25	2.0	6.0	- 64	+ 17.5	+ 20	1770
430	T	136D437X0008T2	0.71	25	2.0	14.0	- 64	+ 17.5	+ 20	1825
850	K	136D857X0008K2	0.47	22	4.0	16.0	- 80	+ 25	+ 25	2330
10 WVDC at + 85 °C . . . 7 WVDC at + 125 °C . . . 6 WVDC at + 200 °C										
20	C	136D206X0010C2	1.99	175	1.0	2.0	- 32	+ 10.5	+ 12	820
47	C	136D476X0010C2	1.84	100	1.0	2.0	- 36	+ 14	+ 16	855
100	F	136D107X0010F2	0.99	60	1.0	4.0	- 36	+ 14	+ 16	1200
180	F	136D187X0010F2	1.11	40	1.0	7.0	- 36	+ 14	+ 16	1365
250	T	136D257X0010T2	0.80	30	2.0	10.0	- 40	+ 14	+ 16	1720
390	T	136D397X0010T2	0.75	25	2.0	16.0	- 64	+ 17.5	+ 20	1800
750	K	136D757X0010K2	0.44	23	4.0	16.0	- 80	+ 25	+ 25	2360
15 WVDC at + 85 °C . . . 10 WVDC at + 125 °C . . . 9 WVDC at + 200 °C										
15	C	136D156X0015C2	1.99	155	1.0	2.0	- 24	+ 10.5	+ 12	780
33	C	136D336X0015C2	1.66	90	1.0	2.0	- 28	+ 14	+ 16	820
70	F	136D706X0015F2	1.11	75	1.0	4.0	- 28	+ 14	+ 16	1150
120	F	136D127X0015F2	1.12	50	1.0	7.0	- 28	+ 17.5	+ 20	1450
170	T	136D177X0015T2	0.78	35	2.0	10.0	- 32	+ 14	+ 16	1480
270	T	136D277X0015T2	0.71	30	2.0	16.0	- 56	+ 17.5	+ 20	1740
540	K	136D547X0015K2	0.47	23	6.0	24.0	- 80	+ 25	+ 25	2330

Note

⁽¹⁾ Part Numbers listed are for units with ± 20 % capacitance tolerance insulated capacitors. For ± 10 % tolerance capacitors, change the digit following the letter "X" from "0" to "9"; for ± 5 %, change the digit following the letter "X" from "0" to "5". For capacitors without outer polyester-film insulation, change the last digit in the part number from "2" to "0". For capacitors with a high temperature insulating sleeve, change the last digit in the part number from "2" to "6". For RoHS compliant add "E3".

**Wet Tantalum Capacitors Tantalum-Case with Glass-to-Tantalum
Hermetic Seal for - 55 °C to + 200 °C Operation, Low ESR**

Vishay
STANDARD RATINGS

CAPACITANCE (μ F)	CASE CODE	PART NUMBER ⁽¹⁾	MAX. ESR at + 25 °C 120 Hz	MAX. IMP. at - 55 °C 120 Hz	MAX. DCL (μ A) at + 25 °C	MAX. CAPACITANCE CHANGE (%) at - 55 °C	MAX. CAPACITANCE CHANGE (%) at + 85 °C	MAX. CAPACITANCE CHANGE (%) at + 125 °C	MAX. RIPPLE 40 kHz rms
25 WVDC at + 85 °C . . . 15 WVDC at + 125 °C . . . 12 WVDC at + 200 °C									
10	C	136D106X0025C2	2.66	220	1.0	2.0	- 16	+ 8	+ 9
22	C	136D226X0025C2	1.99	140	1.0	2.0	- 20	+ 10.5	+ 12
50	F	136D506X0025F2	1.46	70	1.0	2.0	- 28	+ 13	+ 15
100	F	136D107X0025F2	0.99	50	1.0	10.0	- 28	+ 13	+ 15
120	T	136D127X0025T2	1.16	38	2.0	6.0	- 32	+ 13	+ 15
180	T	136D187X0025T2	0.96	32	2.0	18.0	- 48	+ 13	+ 15
350	K	136D357X0025K2	0.67	24	7.0	28.0	- 70	+ 25	+ 25
30 WVDC at + 85 °C . . . 20 WVDC at + 125 °C . . . 18 WVDC at + 200 °C									
8	C	136D805X0030C2	3.32	275	1.0	2.0	- 16	+ 8	+ 12
15	C	136D156X0030C2	2.21	175	1.0	2.0	- 20	+ 10.5	+ 12
40	F	136D406X0030F2	1.66	65	1.0	5.0	- 24	+ 10.5	+ 12
68	F	136D686X0030F2	1.27	60	1.0	8.0	- 24	+ 13	+ 15
100	T	136D107X0030T2	1.13	40	2.0	12.0	- 28	+ 10.5	+ 12
150	T	136D157X0030T2	1.02	35	2.0	18.0	- 48	+ 13	+ 15
300	K	136D307X0030K2	0.69	25	8.0	32.0	- 60	+ 25	+ 25
35 WVDC at + 85 °C . . . 22 WVDC at + 125 °C . . . 21 WVDC at + 200 °C									
15	C	136D156X0035C2	3.10	175	0.75	1.5	- 20	+ 10.5	+ 12
68	F	136D686X0035F2	1.45	60	1.0	2.0	- 24	+ 13	+ 15
270	K	136D277X0035K2	0.70	26	3.0	12.0	- 58	+ 25	+ 25
50 WVDC at + 85 °C . . . 30 WVDC at + 125 °C . . . 30 WVDC at + 200 °C									
5	C	136D505X0050C2	3.98	400	1.0	2.0	- 16	+ 5	+ 6
10	C	136D106X0050C2	2.66	250	1.0	2.0	- 24	+ 8	+ 9
25	F	136D256X0050F2	2.13	95	1.0	5.0	- 20	+ 10.5	+ 12
47	F	136D476X0050F2	1.56	70	1.0	9.0	- 28	+ 13	+ 15
60	T	136D606X0050T2	1.33	45	2.0	12.0	- 16	+ 10.5	+ 12
82	T	136D826X0050T2	1.22	45	2.0	16.0	- 32	+ 13	+ 15
160	K	136D167X0050K2	0.71	27	8.0	32.0	- 50	+ 25	+ 25
60 WVDC at + 85 °C . . . 40 WVDC at + 125 °C . . . 36 WVDC at + 200 °C									
4	C	136D405X0060C2	4.65	550	1.0	2.0	- 16	+ 5	+ 6
8.2	C	136D825X0060C2	3.24	275	1.0	2.0	- 24	+ 8	+ 9
20	F	136D206X0060F2	2.32	105	1.0	5.0	- 16	+ 8	+ 12
39	F	136D396X0060F2	1.70	90	1.0	9.0	- 28	+ 10.5	+ 12
50	T	136D506X0060T2	1.33	50	2.0	12.0	- 16	+ 10.5	+ 12
68	T	136D686X0060T2	1.27	50	2.0	16.0	- 32	+ 10.5	+ 15
140	K	136D147X0060K2	0.76	28	8.0	32.0	- 40	+ 20	+ 20
75 WVDC at + 85 °C . . . 50 WVDC at + 125 °C . . . 45 WVDC at + 200 °C									
3.5	C	136D355X0075C2	4.74	650	1.0	2.0	- 16	+ 5	+ 6
6.8	C	136D685X0075C2	3.42	300	1.0	2.0	- 20	+ 8	+ 9
15	F	136D156X0075F2	2.66	150	1.0	5.0	- 16	+ 10.5	+ 9
33	F	136D336X0075F2	2.01	90	1.0	10.0	- 24	+ 10.5	+ 15
40	T	136D406X0075T2	1.50	60	2.0	12.0	- 16	+ 10.5	+ 12
56	T	136D566X0075T2	1.31	60	2.0	17.0	- 28	+ 10.5	+ 15
110	K	136D117X0075K2	0.73	29	9.0	36.0	- 35	+ 20	+ 20
100 WVDC at + 85 °C . . . 65 WVDC at + 125 °C . . . 60 WVDC at + 200 °C									
2.5	C	136D255X0100C2	5.31	950	1.0	4.0	- 16	+ 8	+ 8
4.7	C	136D475X0100C2	4.24	500	1.0	2.0	- 16	+ 7	+ 8
11	F	136D116X0100F2	3.02	200	1.0	4.0	- 16	+ 7	+ 8
22	F	136D226X0100F2	2.26	100	1.0	9.0	- 16	+ 7	+ 8
25	T	136D256X0125T2	1.60	93	2.0	13.0	- 16	+ 7	+ 8
30	T	136D306X0100T2	1.55	80	2.0	12.0	- 16	+ 8	+ 8
43	T	136D436X0100T2	1.31	70	2.0	17.0	- 20	+ 8	+ 8
56	K	136D566X0125K2	0.80	32	10.0	40.0	- 25	+ 15	+ 15
86	K	136D866X0100K2	0.77	30	9.0	36.0	- 25	+ 15	+ 15

Note

(1) Part Numbers listed are for units with $\pm 20\%$ capacitance tolerance insulated capacitors. For $\pm 10\%$ tolerance capacitors, change the digit following the letter "X" from "0" to "9"; for $\pm 5\%$, change the digit following the letter "X" from "0" to "5". For capacitors without outer polyester-film insulation, change the last digit in the part number from "2" to "0". For capacitors with a high temperature insulating sleeve, change the last digit in the part number from "2" to "6". For RoHS compliant add "E3".

STANDARD RATINGS

CAPACITANCE (μ F)	CASE CODE	PART NUMBER ⁽¹⁾	MAX. ESR at + 25 °C 120 Hz	MAX. IMP. at - 55 °C 120 Hz	MAX. DCL (μ A) at + 25 °C + 85 °C + 125 °C	MAX. CAPACITANCE CHANGE (%) at - 55 °C + 85 °C + 125 °C	MAX. RIPPLE 40 kHz rms
125 WVDC at + 85 °C . . . 85 WVDC at + 125 °C . . . 75 WVDC at + 200 °C							
1.7	C	136D175X0125C2	7.81	1250	1.0	2.0	- 16 + 7 + 8 415
3.6	C	136D365X0125C2	4.98	600	1.0	2.0	- 16 + 7 + 8 520
9	F	136D905X0125F2	3.69	240	1.0	5.0	- 16 + 7 + 8 755
14	F	136D146X0125F2	2.85	167	1.0	7.0	- 16 + 7 + 8 860
18	T	136D186X0125T2	1.85	129	2.0	9.0	- 16 + 7 + 8 1130
25	T	136D256X0125T2	1.59	93	2	13	- 16 + 7 + 8 1200
56	K	136D566X0125K2	0.77	32	10	40	- 25 + 15 + 15 1800

Note

⁽¹⁾ Part Numbers listed are for units with $\pm 20\%$ capacitance tolerance insulated capacitors. For $\pm 10\%$ tolerance capacitors, change the digit following the letter "X" from "0" to "9"; for $\pm 5\%$, change the digit following the letter "X" from "0" to "5". For capacitors without outer polyester-film insulation, change the last digit in the part number from "2" to "0". For capacitors with a high temperature insulating sleeve, change the last digit in the part number from "2" to "6". For RoHS compliant add "E3".

EXTENDED RATINGS

CAPACITANCE (μ F)	CASE CODE	PART NUMBER ⁽¹⁾	MAX. ESR at + 25 °C 120 Hz	MAX. IMP. at - 55 °C 120 Hz	MAX. DCL (μ A) at + 25 °C + 85 °C + 125 °C	MAX. CAPACITANCE CHANGE (%) at - 55 °C + 85 °C + 125 °C	MAX. RIPPLE 40 kHz rms
6 WVDC at + 85 °C . . . 4 WVDC at + 125 °C . . . 3.6 WVDC at + 200 °C							
220	C	136D227X0006C2	1.50	36	2	9	- 64 + 13 + 16 1000
560	F	136D567X0006F2	1.25	21	3	9	- 77 + 16 + 20 1500
820	F	136D827X0006F2	1.25	18	3	14	- 88 + 16 + 20 1500
1200	T	136D128X0006T2	0.75	18	5	18	- 88 + 20 + 25 1900
1500	T	136D158X0006T2	0.75	18	5	20	- 90 + 20 + 25 1900
2200	K	136D228X0006K2	0.50	13	6	24	- 90 + 25 + 30 2300
8 WVDC at + 85 °C . . . 5 WVDC at + 125 °C . . . 4.8 WVDC at + 200 °C							
180	C	136D187X0008C2	1.50	45	2	9	- 60 + 13 + 16 1000
680	F	136D687X0008F2	1.25	22	3	14	- 83 + 16 + 20 1500
1500	T	136D158X0008T2	0.75	18	5	20	- 90 + 20 + 25 1900
1800	K	136D188X0008K2	0.50	14	7	25	- 90 + 25 + 30 2300
10 WVDC at + 85 °C . . . 7 WVDC at + 125 °C . . . 6 WVDC at + 200 °C							
120	C	136D127X0010C2	1.60	54	2	6	- 40 + 14 + 16 900
150	C	136D157X0010C2	1.50	54	2	9	- 55 + 13 + 16 900
390	F	136D397X0010F2	1.25	27	3	9	- 66 + 16 + 20 1450
560	F	136D567X0010F2	1.25	27	3	16	- 77 + 16 + 20 1450
1200	T	136D128X0010T2	0.75	18	5	20	- 88 + 20 + 25 1850
1500	K	136D158X0010K2	0.50	15	7	25	- 88 + 25 + 30 2300
15 WVDC at + 85 °C . . . 10 WVDC at + 125 °C . . . 9 WVDC at + 200 °C							
82	C	136D826X0015C2	0.95	72	2	6	- 35 + 12 + 16 900
100	C	136D107X0015C2	0.95	72	2	9	- 44 + 13 + 16 900
270	F	136D277X0015F2	1.25	31	3	9	- 62 + 16 + 15 1450
390	F	136D397X0015F2	1.25	31	3	16	- 66 + 16 + 20 1450
680	T	136D687X0015T2	0.90	22	6	18	- 74 + 20 + 25 1800
820	T	136D827X0015T2	0.90	22	6	24	- 77 + 20 + 25 1800
1000	K	136D108X0015K2	0.60	17	8	32	- 77 + 25 + 30 2330
25 WVDC at + 85 °C . . . 15 WVDC at + 125 °C . . . 12 WVDC at + 200 °C							
47	C	136D476X0025C2	2.60	100	2	6	- 23 + 12 + 15 800
56	C	136D566X0025C2	2.15	90	2	6	- 25 + 12 + 15 850
68	C	136D686X0025C2	2.15	90	2	9	- 40 + 12 + 15 850
180	F	136D187X0025F2	1.35	33	3	9	- 54 + 13 + 15 1400
270	F	136D277X0025F2	1.35	33	3	16	- 62 + 13 + 16 1400
470	T	136D477X0025T2	0.90	24	6	18	- 65 + 18 + 25 1750
560	T	136D567X0025T2	0.90	24	7	28	- 72 + 20 + 25 1750
680	K	136D687X0025K2	0.60	19	8	32	- 72 + 25 + 30 2100

Note

⁽¹⁾ Part Numbers listed are for units with $\pm 20\%$ capacitance tolerance insulated capacitors. For $\pm 10\%$ tolerance capacitors, change the digit following the letter "X" from "0" to "9"; for $\pm 5\%$, change the digit following the letter "X" from "0" to "5". For capacitors without outer polyester-film insulation, change the last digit in the part number from "2" to "0". For capacitors with a high temperature insulating sleeve, change the last digit in the part number from "2" to "6". For RoHS compliant add "E3".



136D

Wet Tantalum Capacitors Tantalum-Case with Glass-to-Tantalum
Hermetic Seal for - 55 °C to + 200 °C Operation, Low ESR

Vishay

EXTENDED RATINGS

CAPACITANCE (μ F)	CASE CODE	PART NUMBER ⁽¹⁾	MAX. ESR at + 25 °C	MAX. IMP. at - 55 °C	MAX. DCL (μ A) + 25 °C	MAX. DCL (μ A) + 85 °C + 125 °C	MAX. CAPACITANCE CHANGE - 55 °C	MAX. CAPACITANCE CHANGE + 85 °C	MAX. CAPACITANCE CHANGE + 125 °C	MAX. RIPPLE 40 kHz
30 WVDC at + 85 °C . . . 20 WVDC at + 125 °C . . . 18 WVDC at + 200 °C										
47	C	136D476X0030C2	2.60	100	2	6	- 23	+ 12	+ 15	800
56	C	136D566X0030C2	2.60	100	2	9	- 38	+ 12	+ 15	800
150	F	136D157X0030F2	1.25	36	3	9	- 42	+ 13	+ 15	1200
220	F	136D227X0030F2	1.25	36	3	16	- 60	+ 13	+ 16	1200
390	T	136D397X0030T2	0.90	25	6	18	- 55	+ 18	+ 25	1500
470	T	136D477X0030T2	0.90	25	8	32	- 65	+ 20	+ 25	1500
560	K	136D567X0030K2	0.65	20	9	36	- 65	+ 25	+ 30	2000
35 WVDC at + 85 °C . . . 22 WVDC at + 125 °C . . . 21 WVDC at + 200 °C										
39	C	136D396X0035C2	2.05	61	2	6	- 22	+ 12	+ 14	820
120	F	136D127X0035F2	1.25	31	3	10	- 40	+ 13	+ 15	1315
330	T	136D337X0035T2	0.90	20	6	18	- 50	+ 16	+ 25	1640
370	K	136D377X0035K2	0.65	15	9	36	- 60	+ 25	+ 30	2040
40 WVDC at + 85 °C . . . 25 WVDC at + 125 °C . . . 20 WVDC at + 200 °C										
39	C	136D396X0040C2	2.05	61	2	6	- 22	+ 12	+ 14	820
50 WVDC at + 85 °C . . . 30 WVDC at + 125 °C . . . 30 WVDC at + 200 °C										
33	C	136D336X0050C2	2.50	135	2	9	- 29	+ 10	+ 12	700
100	F	136D107X0050F2	1.40	49	4	12	- 36	+ 13	+ 15	1200
120	F	136D127X0050F2	1.25	49	4	24	- 42	+ 12	+ 15	1200
270	T	136D227X0050T2	1.00	30	8	32	- 46	+ 20	+ 25	1450
330	K	136D337X0050K2	0.75	30	9	36	- 46	+ 25	+ 30	1900
60 WVDC at + 85 °C . . . 40 WVDC at + 125 °C . . . 36 WVDC at + 200 °C										
18	C	136C186X0060C2	3.50	160	2	12	- 20	+ 7	+ 8	700
27	C	136D276X0060C2	2.51	144	3	12	- 24	+ 10	+ 12	700
82	F	136D826X0060F2	1.45	54	4	16	- 30	+ 15	+ 15	1100
100	F	136D107X0060F2	1.25	54	4	20	- 36	+ 12	+ 15	1100
220	T	136D227X0060T2	0.90	29	8	32	- 40	+ 16	+ 20	1400
270	K	136D277X0060K2	0.70	23	9	36	- 45	+ 20	+ 25	1850
330	K	136D337X0060K2	0.65	31	10	40	- 72	+ 25	+ 25	1850
63 WVDC at + 85 °C . . . 40 WVDC at + 125 °C . . . 31 WVDC at + 200 °C										
100	F	136D107X0063F2	1.25	54	2	12	- 36	+ 12	+ 15	1100
75 WVDC at + 85 °C . . . 50 WVDC at + 125 °C . . . 45 WVDC at + 200 °C										
12	C	136D126X0075C2	2.55	157	3	12	- 19	+ 10	+ 12	600
22	C	136D226X0075C2	2.57	157	3	12	- 19	+ 10	+ 12	600
68	F	136D686X0075F2	1.50	63	4	16	- 25	+ 12	+ 15	1000
82	F	136D826X0075F2	1.23	63	4	24	- 30	+ 12	+ 15	1000
180	T	136D187X0075T2	0.90	30	9	36	- 35	+ 16	+ 20	1300
220	K	136D227X0075K2	1.12	24	10	40	- 40	+ 20	+ 25	1800
300	K	136D307X0075K2	0.90	32	12	48	- 60	+ 22	+ 22	2000
100 WVDC at + 85 °C . . . 65 WVDC at + 125 °C . . . 60 WVDC at + 200 °C										
10	C	136D106X0100C2	2.99	200	3	12	- 17	+ 10	+ 12	800
39	F	136D396X0100F2	1.77	80	5	24	- 20	+ 12	+ 15	1300
68	T	136D686X0100T2	1.11	40	10	40	- 30	+ 14	+ 16	1600
120	K	136D127X0100K2	1.38	30	12	48	- 35	+ 15	+ 17	2000
125 WVDC at + 85 °C . . . 85 WVDC at + 125 °C . . . 75 WVDC at + 200 °C										
6.8	C	136D685X0125C2	5.86	300	3	12	- 14	+ 10	+ 12	700
27	F	136D276X0125F2	1.77	90	5	24	- 18	+ 12	+ 15	1200
47	T	136D476X0125T2	1.12	50	10	40	- 26	+ 14	+ 16	1500
68	K	136D686X0125K2	1.10	32	11	44	- 28	+ 15	+ 16	1850
82	K	136D826X0125K2	1.41	32	12	48	- 30	+ 15	+ 17	1900

Note

⁽¹⁾ Part Numbers listed are for units with $\pm 20\%$ capacitance tolerance insulated capacitors. For $\pm 10\%$ tolerance capacitors, change the digit following the letter "X" from "0" to "9"; for $\pm 5\%$, change the digit following the letter "X" from "0" to "5". For capacitors without outer polyester-film insulation, change the last digit in the part number from "2" to "0". For capacitors with a high temperature insulating sleeve, change the last digit in the part number from "2" to "6". For RoHS compliant add "E3".



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