Vishay

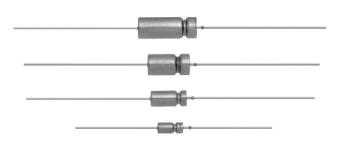
RoHS

HALOGEN

GREEN

(5-2008)

Wet Tantalum Capacitors Tantalum-Case With Glass-to-Tantalum Hermetic Seal for -55 °C to +125 °C Operation, Low ESR



LINKS TO ADDITIONAL RESOURCES



PERFORMANCE CHARACTERISTICS

Operating Temperature: -55 °C to +85 °C (to +125 °C with voltage derating)

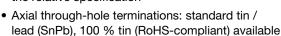
Capacitance Tolerance: at 120 Hz, +25 °C. \pm 20 % standard. \pm 10 %, \pm 5 % available as special.

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.

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



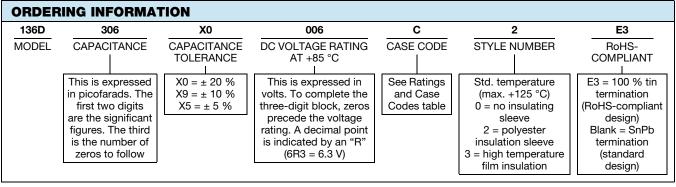
- Standard and extended ratings
- Low ESR
- Material categorization: for definitions of compliance please see www.vishay.com/doc?99912

Note

* This datasheet provides information about parts that are RoHS-compliant and / or parts that are non RoHS-compliant. For example, parts with lead (Pb) terminations are not RoHS-compliant. Please see the information / tables in this datasheet for details

Following life test:

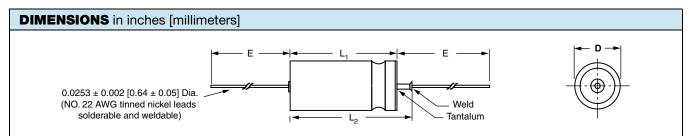
- 1. DCL, measured at +85 °C rated voltage, shall not be in excess of the original requirement.
- 2. The equivalent series resistance shall not exceed 150 % of the initial requirement.
- Change in capacitance shall not exceed 10 % from the initial measurement.



Note

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





CASE CODE	DCLR 90 / 91 EQUIV.	D	L ₁	L ₂ (Max.)	E	WEIGHT (g) (Max.)
С	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
Т	Т3	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
К	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.

RATIN	IGS AND	CASE	CODES	(Standar	d)							
μF	6 V	8 V	10 V	15 V	25 V	30 V	35 V	50 V	60 V	75 V	100 V	125 V
1.7												С
2.5											С	
3.5										С		
3.6												С
4.0									С			
4.7											С	
5.0								С				
6.8										С		
8.0						С						
8.2									С			
9.0												F
10					С			С				
11											F	
14												F
15				С		С	С			F		
18												Т
20			С						F			
22					С						F	
25		С						F			Т	Т
30	С										Т	
33				С						F		
39									F			
40						F				Т		
43											Т	
47			С					F				
50					F				T			
56		С								Т	K	K
60								Т				
68	С					F	F		T			

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RATIN	IGS AND	CASE	CODES	(Standar	d)							
μF	6 V	8 V	10 V	15 V	25 V	30 V	35 V	50 V	60 V	75 V	100 V	125 V
70				F								
82								Т				
86											K	
100			F		F	Т						
110										K		
120		F		F	Т							
140	F								K			
150						Т						
160								K				
170				Т								
180			F		Т							
220		F										
250			Т									
270	F			Т			K					
290		Т										
300						K						
330	Т											
350					K							
390			Т									
430		Т										
540				K								
560	Т											
750			K									
850		K										
1200	K											

RATI	NGS AI	ND CA	SE CO	DES (Ex	(tended))								
μF	6 V	8 V	10 V	15 V	25 V	30 V	35 V	40 V	50 V	60 V	63 V	75 V	100 V	125 V
6.8														С
10													С	
12												С		
18										С				
22												С		
27										С				F
33									С					
39							С	С					F	
47					С	С								Т
56					С	С							Т	Т
68					С							F	Т	K
82				С						F		F		K
100				С					F	F	F			
120			С				F		F				K	
150			С			F								
180		С			F							Т		
220	С					F				Т		K		
270				F	F				Т	K				
300												K		
330							Т	_	K	K	_			



RATI	NGS A	ND CA	SE COI	DES (Ex	tended))								
μF	6 V	8 V	10 V	15 V	25 V	30 V	35 V	40 V	50 V	60 V	63 V	75 V	100 V	125 V
370							K							
390			F	F		Т								
470					Т	Т								
560	F		F		Т	K								
680		F		Т	K									
820	F			Т										
1000				K										
1200	Т		Т											
1500	Т	Т	K											
1800		K												
2200	K													

CAPACITANCE	CASE	PART NUMBER (1)	AT +25 °C	MAX. IMP. AT -55 °C	MAX.	OCL (µA) AT	MAX. CA	PACITANC (%) AT	E CHANGE	MAX. RIPPLE 40 kHz
(μ F)	CODE	PART NUMBER "	120 Hz (Ω)	120 Hz (Ω)	+25 °C	+85 °C +125 °C	-55 °C	+85 °C	+125 °C	40 KHZ I _{RMS} (mA)
			6 V _{DC} AT	+85 °C; 4 V _D	C AT +125	5 °C				
30	С	136D306X0006C2	1.99	100	1	2	-40	+10.5	+12	820
68	С	136D686X0006C2	1.58	60	1	2	-40	+14	+16	960
140	F	136D147X0006F2	0.99	40	1	3	-40	+14	+16	1200
270	F	136D277X0006F2	1.11	25	1	6.5	-44	+17.5	+20	1375
330	Т	136D337X0006T2	0.73	20	2	7.9	-44	+14	+16	1800
560	Т	136D567X0006T2	0.65	25	2	13	-64	+17.5	+20	1900
1200	K	136D128X0006K2	0.50	20	3	14	-80	+25	+25	2265
			8 V _{DC} AT	+85 °C; 5 V _D	_C AT +125	5 °C				
25	С	136D256X0008C2	1.99	100	1	2	-40	+10.5	+12	820
56	С	136D566X0008C2	1.66	59	1	2	-40	+14	+16	900
120	F	136D127X0008F2	1.11	50	1	2	-44	+17.5	+20	1230
220	F	136D227X0008F2	1.12	30	1	7	-44	+17.5	+20	1370
290	T	136D297X0008T2	0.78	25	2	6	-64	+17.5	+20	1770
430	Т	136D437X0008T2	0.71	25	2	14	-64	+17.5	+20	1825
850	K	136D857X0008K2	0.47	22	4	16	-80	+25	+25	2330
			10 V _{DC} AT	+85 °C; 7 V _E	oc AT +12	5 °C				
20	С	136D206X0010C2	1.99	175	1	2	-32	+10.5	+12	820
47	С	136D476X0010C2	1.84	100	1	2	-36	+14	+16	855
100	F	136D107X0010F2	0.99	60	1	4	-36	+14	+16	1200
180	F	136D187X0010F2	1.11	40	1	7	-36	+14	+16	1365
250	T	136D257X0010T2	0.80	30	2	10	-40	+14	+16	1720
390	Т	136D397X0010T2	0.75	25	2	16	-64	+17.5	+20	1800
750	K	136D757X0010K2	0.44	23	4	16	-80	+25	+25	2360

⁽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 "3". For RoHS compliant add "E3".



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CAPACITANCE	CASE	(1)	MAX. ESR AT +25 °C	MAX. IMP. AT -55 °C		OCL (µA) AT	MAX. CA	PACITANC (%) AT	E CHANGE	MAX. RIPPLE
(μF)	CODE	PART NUMBER (1)	120 Hz (Ω)	120 Hz (Ω)	+25 °C	+85 °C +125 °C	-55 °C	+85 °C	+125 °C	40 kHz I _{RMS} (mA)
			15 V _{DC} AT	+85 °C; 10 V	DC AT +12	25 °C				
15	С	136D156X0015C2	1.99	155	1	2	-24	+10.5	+12	780
33	С	136D336X0015C2	1.66	90	1	2	-28	+14	+16	820
70	F	136D706X0015F2	1.11	75	1	4	-28	+14	+16	1150
120	F	136D127X0015F2	1.12	50	1	7	-28	+17.5	+20	1450
170	Т	136D177X0015T2	0.78	35	2	10	-32	+14	+16	1480
270	Т	136D277X0015T2	0.71	30	2	16	-56	+17.5	+20	1740
540	K	136D547X0015K2	0.47	23	6	24	-80	+25	+25	2330
			25 V _{DC} AT	+85 °C; 15 V	DC AT +12	25 °C				
10	С	136D106X0025C2	2.66	220	1	2	-16	+8	+9	715
22	С	136D226X0025C2	1.99	140	1	2	-20	+10.5	+12	800
50	F	136D506X0025F2	1.46	70	1	2	-28	+13	+15	1130
100	F	136D107X0025F2	0.99	50	1	10	-28	+13	+15	1435
120	Т	136D127X0025T2	1.16	38	2	6	-32	+13	+15	1450
180	Т	136D187X0025T2	0.96	32	2	18	-48	+13	+15	1525
350	K	136D357X0025K2	0.67	24	7	28	-70	+25	+25	1970
			30 V _{DC} AT	+85 °C; 20 V	DC AT +12	25 °C				
8	С	136D805X0030C2	3.32	275	1	2	-16	+8	+12	640
15	С	136D156X0030C2	2.21	175	1	2	-20	+10.5	+12	780
40	F	136D406X0030F2	1.66	65	1	5	-24	+10.5	+12	1120
68	F	136D686X0030F2	1.27	60	1	8	-24	+13	+15	1285
100	Т	136D107X0030T2	1.13	40	2	12	-28	+10.5	+12	1450
150	Т	136D157X0030T2	1.02	35	2	18	-48	+13	+15	1525
300	K	136D307X0030K2	0.69	25	8	32	-60	+25	+25	1950
			35 V _{DC} AT	+85 °C; 22 V	DC AT +12	25 °C				
15	С	136D156X0035C2	3.10	175	0.75	1.5	-20	+10.5	+12	660
68	F	136D686X0035F2	1.45	60	1	2	-24	+13	+15	1195
270	K	136D277X0035K2	0.70	26	3	12	-58	+25	+25	1950
			50 V _{DC} AT	+85 °C; 30 V	DC AT +12	25 °C				
5	С	136D505X0050C2	3.98	400	1	2	-16	+5	+6	580
10	С	136D106X0050C2	2.66	250	1	2	-24	+8	+9	715
25	F	136D256X0050F2	2.13	95	1	5	-20	+10.5	+12	1005
47	F	136D476X0050F2	1.56	70	1	9	-28	+13	+15	1155
60	Т	136D606X0050T2	1.33	45	2	12	-16	+10.5	+12	1335
82	Т	136D826X0050T2	1.22	45	2	16	-32	+13	+15	1400
160	K	136D167X0050K2	0.71	27	8	32	-50	+25	+25	1900

⁽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 "3". For RoHS compliant add "E3".



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CAPACITANCE	CASE	PART NUMBER (1)	MAX. ESR AT +25 °C	AT -55 °C		OCL (µA) AT	MAX. CA	PACITANC (%) AT	E CHANGE	MAX. RIPPLE 40 kHz
(μ F)	CODE	PART NOMBER V	120 Hz (Ω)	120 Hz (Ω)	+25 °C	+85 °C +125 °C	-55 °C	+85 °C	+125 °C	I _{RMS} (mA)
			60 V _{DC} AT	+85 °C; 40 V	DC AT +12	25 °C				
4	С	136D405X0060C2	4.65	550	1	2	-16	+5	+6	525
8.2	С	136D825X0060C2	3.24	275	1	2	-24	+8	+9	625
20	F	136D206X0060F2	2.32	105	1	5	-16	+8	+12	930
39	F	136D396X0060F2	1.70	90	1	9	-28	+10.5	+12	1110
50	Т	136D506X0060T2	1.33	50	2	12	-16	+10.5	+12	1330
68	Т	136D686X0060T2	1.27	50	2	16	-32	+10.5	+15	1365
140	K	136D147X0060K2	0.76	28	8	32	-40	+20	+20	1850
			75 V _{DC} AT	+85 °C; 50 V	_{DC} AT +12	25 °C				
3.5	С	136D355X0075C2	4.74	650	1	2	-16	+5	+6	525
6.8	С	136D685X0075C2	3.42	300	1	2	-20	+8	+9	610
15	F	136D156X0075F2	2.66	150	1	5	-16	+10.5	+9	890
33	F	136D336X0075F2	2.01	90	1	10	-24	+10.5	+15	1000
40	Т	136D406X0075T2	1.50	60	2	12	-16	+10.5	+12	1250
56	Т	136D566X0075T2	1.31	60	2	17	-28	+10.5	+15	1335
110	K	136D117X0075K2	0.73	29	9	36	-35	+20	+20	1850
			100 V _{DC} A1	T +85 °C; 65 V	/ _{DC} AT +1	25 °C				
2.5	С	136D255X0100C2	5.31	950	1	4	-16	+8	+8	505
4.7	С	136D475X0100C2	4.24	500	1	2	-16	+7	+8	565
11	F	136D116X0100F2	3.02	200	1	4	-16	+7	+8	835
22	F	136D226X0100F2	2.26	100	1	9	-16	+7	+8	965
25	Т	136D256X0100T2	1.60	93	2	13	-16	+7	+8	1200
30	Т	136D306X0100T2	1.55	80	2	12	-16	+8	+8	1240
43	Т	136D436X0100T2	1.31	70	2	17	-20	+8	+8	1335
56	K	136D566X0100K2	0.80	32	10	40	-25	+15	+15	1800
86	K	136D866X0100K2	0.77	30	9	36	-25	+15	+15	1800
			125 V _{DC} AT	+85 °C; 85 V	/ _{DC} AT +1	25 °C				
1.7	С	136D175X0125C2	7.81	1250	1	2	-16	+7	+8	415
3.6	С	136D365X0125C2	4.98	600	1	2	-16	+7	+8	520
9	F	136D905X0125F2	3.69	240	1	5	-16	+7	+8	755
14	F	136D146X0125F2	2.85	167	1	7	-16	+7	+8	860
18	Т	136D186X0125T2	1.85	129	2	9	-16	+7	+8	1130
25	Т	136D256X0125T2	1.59	93	2	13	-16	+7	+8	1200
56	K	136D566X0125K2	0.77	32	10	40	-25	+15	+15	1800

⁽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 "3". For RoHS compliant add "E3".



CAPACITANCE		PART NUMBER (1)	AT +25 °C	MAX. IMP. AT -55 °C		CL (µA)	MAX. CAP	ACITANCE (%) AT	CHANGE	MAX. RIPPLI 40 kHz
(μ F)	CODE		120 Hz (Ω)	120 Hz (Ω)	+25 °C	+85 °C +125 °C	-55 °C	+85 °C	+125 °C	I _{RMS} (mA)
			6 V _{DC} A	Γ +85 °C; 4 V	DC AT +125	5 °C				
220	С	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	Т	136D128X0006T2	0.75	18	5	18	-88	+20	+25	1900
1500	Т	136D158X0006T2	0.75	18	5	20	-90	+20	+25	1900
2200	K	136D228X0006K2	0.50	13	6	24	-90	+25	+30	2300
			8 V _{DC} A	Γ +85 °C; 5 V	_{DC} AT +125	5 °C				
180	С	136D187X0008C2	1.50	45	2	9	-60	+13	+16	1000
680	F	136D687X0008F2	1.25	22	3	14	-83	+16	+20	1500
1500	Т	136D158X0008T2	0.75	18	5	20	-90	+20	+25	1900
1800	K	136D188X0008K2	0.50	14	7	25	-90	+25	+30	2300
			10 V _{DC} A	T +85 °C; 7 V	_{DC} AT +12	5 °C				
120	С	136D127X0010C2	1.60	54	2	6	-40	+14	+16	900
150	С	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	Т	136D128X0010T2	0.75	18	5	20	-88	+20	+25	1850
1500	K	136D158X0010K2	0.50	15	7	25	-88	+25	+30	2300
			15 V _{DC} A	Γ +85 °C; 10 \	/ _{DC} AT +12	25 °C				
82	С	136D826X0015C2	0.95	72	2	6	-35	+12	+16	900
100	С	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	Т	136D687X0015T2	0.90	22	6	18	-74	+20	+25	1800
820	Т	136D827X0015T2	0.90	22	6	24	-77	+20	+25	1800
1000	K	136D108X0015K2	0.60	17	8	32	-77	+25	+30	2330
			25 V _{DC} A	Γ +85 °C; 15 \	/ _{DC} AT +12	25 °C				
47	С	136D476X0025C2	2.60	100	2	6	-23	+12	+15	800
56	С	136D566X0025C2	2.15	90	2	6	-25	+12	+15	850
68	С	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	Т	136D477X0025T2	0.90	24	6	18	-65	+18	+25	1750
560	Т	136D567X0025T2	0.90	24	7	28	-72	+20	+25	1750
680	K	136D687X0025K2	0.60	19	8	32	-72	+25	+30	2100
			30 V _{DC} A	Γ +85 °C; 20 \	/ _{DC} AT +12	25 °C				
47	С	136D476X0030C2	2.60	100	2	6	-23	+12	+15	800
56	С	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

⁽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 "3". For RoHS compliant add "E3".



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CAPACITANCE		PART NUMBER (1)	MAX. ESR AT +25 °C	MAX. IMP. AT -55 °C	MAX. D	CL (μA) Τ	MAX. CAP	ACITANCE (%) AT	CHANGE	MAX. RIPPLE 40 kHz
(μ F)	CODE	PART NUMBER (*)	120 Hz (Ω)	120 Hz (Ω)	+25 °C	+85 °C +125 °C	-55 °C	+85 °C	+125 °C	I _{RMS} (mA)
			35 V _{DC} A	Γ +85 °C; 22 \	V _{DC} AT +12	25 °C				
39	С	136D396X0035C2	2.05	61	2	6	-22	+12	+14	820
120	F	136D127X0035F2	1.25	31	3	10	-40	+13	+15	1315
330	Т	136D337X0035T2	0.90	20	6	18	-50	+16	+25	1640
370	K	136D377X0035K2	0.65	15	9	36	-60	+25	+30	2040
			40 V _{DC} A	Γ +85 °C; 25 \	V _{DC} AT +12	25 °C				
39	С	136D396X0040C2	2.05	61	2	6	-22	+12	+14	820
			50 V _{DC} A	Γ +85 °C; 30 \	V _{DC} AT +12	25 °C				
33	С	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	Т	136D277X0050T2	1.00	30	8	32	-46	+20	+25	1450
330	K	136D337X0050K2	0.75	30	9	36	-46	+25	+30	1900
			60 V _{DC} A	Γ +85 °C; 40 \	V _{DC} AT +12	25 °C				
18	С	136D186X0060C2	3.50	160	2	12	-20	+7	+8	700
27	С	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	Т	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 V _{DC} A1	Γ +85 °C; 40 \	V _{DC} AT +12	25 °C				
100	F	136D107X0063F2	1.25	54	2	12	-36	+12	+15	1100
			75 V _{DC} A	Γ +85 °C; 50 \	V _{DC} AT +12	25 °C				
12	С	136D126X0075C2	2.55	157	3	12	-19	+10	+12	600
22	С	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	Т	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 Vnc A	T +85 °C; 65	Vnc AT +1	25 °C				
10	С	136D106X0100C2	2.99	200	3	12	-17	+10	+12	800
39	F	136D396X0100F2	1.77	80	5	24	-20	+12	+15	1300
56	T	136D566X0100T2	1.22	50	5	20	-25	+12	+12	1400
68	T	136D686X0100T2	1.11	40	10	40	-30	+14	+16	1600
120	K	136D127X0100K2	1.38	30	12	48	-35	+15	+17	2000
				T +85 °C; 85				-		
6.8	С	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
56	T	136D566X0125T2	1.11	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

⁽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 "3". For RoHS compliant add "E3".



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