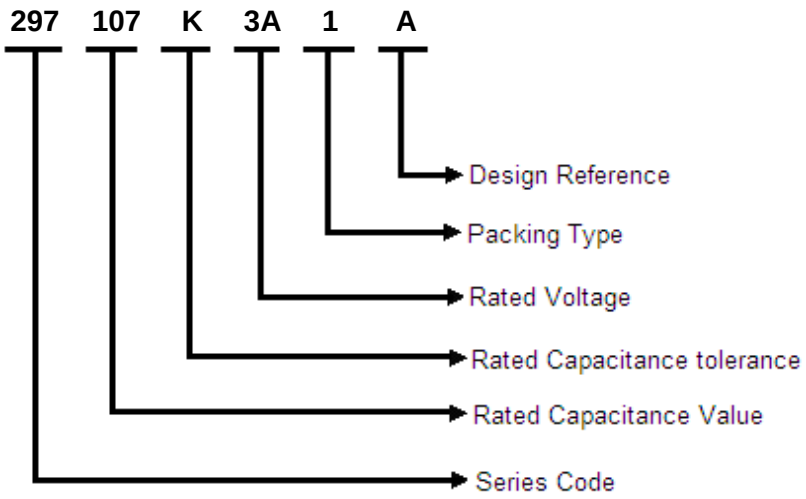
Power Electronic Capacitors

Series Type: Metallized Polypropylene Dc Link- Aluminum can with Resin Top

Series Code: 297

Date: November 2024

Item Code Description



Rated Capacitance

Three-digit (224) indicate rated capacitance in Pico Farad (First two digits indicate value & third digit indicates Number of zeroes to be suffixed to first two digits).
For example:

103	= 10 × 10^3	=	10000 pF	= 10 nF	=0.01 µF
104	= 10 × 10^4	=	100000 pF	= 100 nF	=0.1 µF
105	= 10 × 10^5	=	1000000 pF	= 1000 nF	=1 µF
106	= 10 × 10^6	=	10000000 pF	= 10000 nF	=10 µF

Capacitance Tolerance

F = ±1%, G = ±2%, H = ±2.5%, I = ±3.5%, J = ±5%, K = ±10%, L = ±15%, M = ±20%, N=±40%

Rated Voltage

One digit and one letter (2A) or two digits (05) indicate rated voltage

Rated Voltage Codification

For DC Rated Voltage

A		B		C		D		E		F		G	
1A	10	1B	12.5	1C	16	1D	20	1E	25	1F	30	1G	40
2A	100	2B	125	2C	160	2D	200	2E	250	2F	300	2G	400
3A	1000	3B	1250	3C	1600	3D	2000	3E	2500	3F	3000	3G	4000
H		I		J		K		L		M		N	
1H	50	1I	45	1J	63	1K	70	1L	80	1M	85	1N	90
2H	500	2I	450	2J	630	2K	700	2L	800	2M	850	2N	900
3H	5000	3I	4500	3J	6300	3K	7000	3L	8000	3M	8500	3N	9000
O		P		Q		R		S		U		V	
1O	110	1P	120	1Q	57.5	1R	15	1S	17	1U	130	1V	60
2O	1100	2P	1200	2Q	575	2R	150	2S	170	2U	1300	2V	600
3O	11000	3P	12000	3Q	5750	3R	1500	3S	1700	3U	13000	3V	6000

W	
1W	2200
2W	2400
3W	2600
4W	2800

General data

Typical Application

- UPS
- Wind Power
- Variable Frequency Drives
- Solar inverter

Construction

- Dielectric: Metallized Polypropylene Film
- Self-Healing Property
- Wound capacitor Technology
- Aluminum can
- Hard Polyurethane resin

Features

- Compact size
- Low Loss
- Low ESR and ESL
- Low leakage current

Climatic Category

- 40/85/56 for diameter 75 ≤ ØD ≤ 100 mm

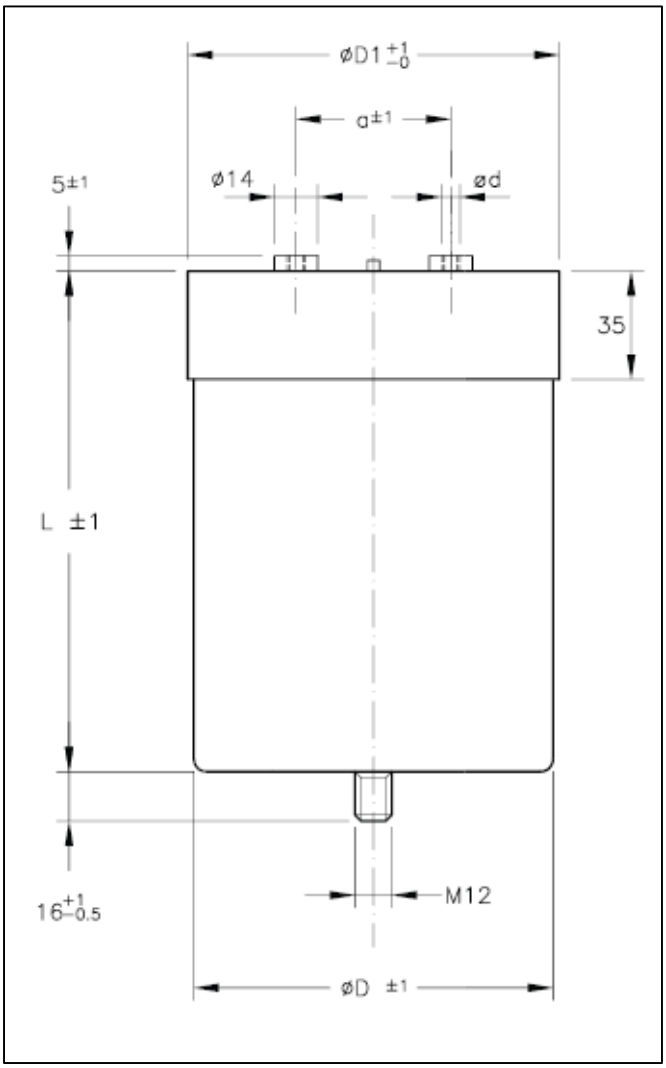
  40/75/56 for diameter 116 and 136 mm

Terminals

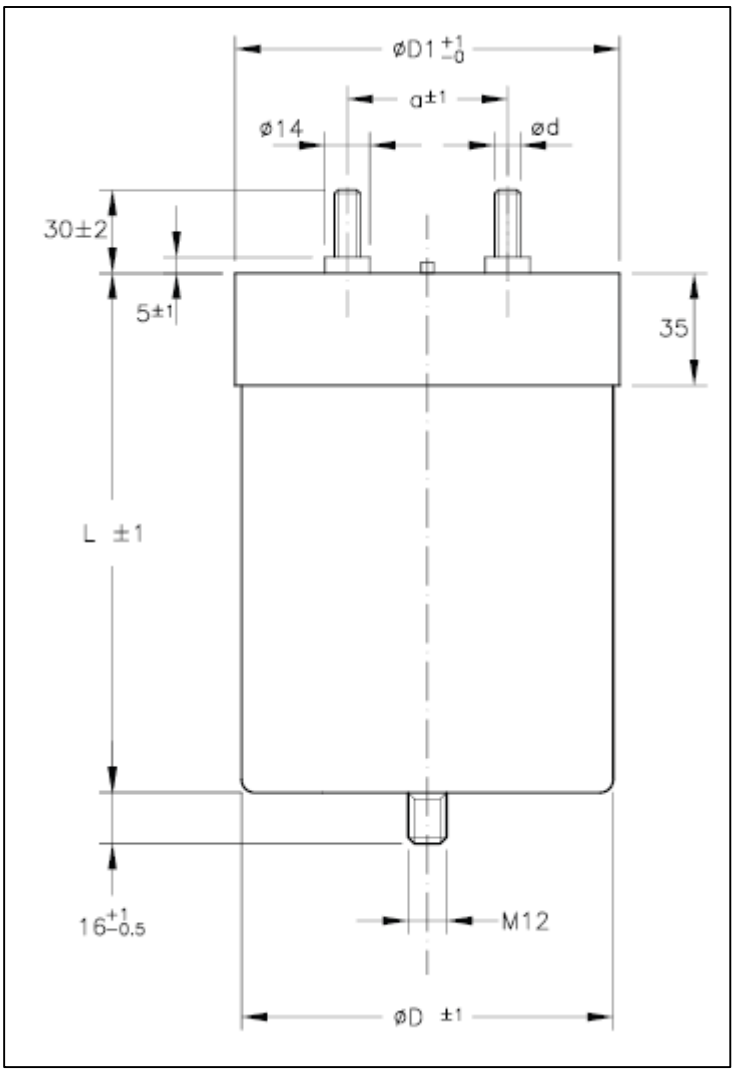
- Male or Female Extruded Stud : M6

Technical data

Max. Operating Temperature	+85°C
Min. Operating temperature	-40°C
Rated Capacitance CR	45…5500µF (Upon request)
Rated Voltage VR	Upto 3000V DC
Voltage proof(V_{T-T})	1.5xVRdc, 10s
Voltage proof(V_{T-C})	4000V AC, 10s
Dissipation factor tan δ_0	0.0002
Life Test	Acc. To IEC 61071-2017
Tolerance	K, ±10%
Degree of Protection	IP00(Indoor Mounting)
Max. permissible altitude	2000m MSL
Safety device	No internal protection
Max. current(I_{RMS})	Refer to the chart
Self Inductance(ESL)	Refer to the chart
Failure rate at VR DC @ 70°C Hotspot	50 FIT
Service Life at VR DC @ 70°C Hotspot	100000Hrs
Mounting and grounding	M12 threaded bolt on bottom of aluminum can



Design 1



Design 2

V_R DC = 700V

CR µF	IMAX A	Î kA	ESR* mΩ	ESL** nH	ØD mm	Hc mm	HT mm	Item code
360	70	2.2	1.6	≤40	75	95	101	297 367 K 2K 1 *
480	65	2.2	2.1	≤40	75	120	126	297487 K 2K 1 *
500	70	3.0	1.6	≤40	85	95	101	297 507 K 2K 1 *
560	70	4.3	1.5	≤40	75	155	161	297 567 K 2K 1 *
650	70	3.0	2.0	≤40	85	120	126	297 657 K 2K 1 *
660	70	4.1	1.4	≤40	100	95	101	297 667 K 2K 1 *
680	70	4.4	1.7	≤60	75	176	182	297 687 K 2K 1 *
750	70	3.0	2.2	≤40	85	135	141	297 757 K 2K 1 *
780	70	3.0	2.0	≤40	85	140	146	297 787 K 2K 1 *
780	70	5.9	1.5	≤40	85	155	161	297 787 K 2K 1 *
900	70	4.1	1.5	≤40	100	120	126	297 907 K 2K 1 *
920	80	5.8	0.7	≤40	116	96	102	297 927 K 2K 1 *
950	70	5.9	1.5	≤60	85	176	182	297 957 K 2K 1 *
1000	70	4.1	1.9	≤40	100	135	141	297 107 K 2K 1 *
1100	70	4.2	1.9	≤40	100	140	146	297 118 K 2K 1 *
1100	70	804	1.0	≤40	100	155	161	297 118 K 2K 1 *
1200	80	5.5	1.0	≤40	116	121	127	297 128 K 2K 1 *
1300	70	8.1	1.1	≤60	100	176	182	297 138 K 2K 1 *
1400	70	6.0	1.4	≤90	85	252	258	297 148 K 2K 1 *
1500	80	5.7	1.1	≤90	116	141	147	297 158 K 2K 1 *
1500	100	11.4	1.0	≤60	116	155	161	297 158 K 2K 1 *
1800	100	11.3	1.0	≤60	116	176	182	297 188 K 2K 1 *
2500	100	11.5	0.9	≤90	116	230	236	297 258 K 2K 1 *
4400	100	18.9	0.8	≤90	136	304	310	297 448 K 2K 1 *
5000	100	18.6	0.7	≤90	136	345	351	297 508 K 2K 1 *
5500	100	19.5	0.7	≤90	136	370	376	297 558 K 2K 1 *

*Equivalent series resistance ESR at 1 KHz.
**Equivalent series inductance ESL at resonance condition.

V_R DC = 900V

CR µF	IMAX A	Î kA	ESR mΩ	ESL nH	ØD mm	Hc mm	Hт mm	Item code
280	65	1.9	2.1	≤40	75	95	101	297 287 K 2N 1 *
370	60	1.9	2.7	≤40	75	120	126	297 377 K 2N 1 *
380	70	2.6	1.7	≤40	85	95	101	297 387 K 2N 1 *
420	70	3.8	1.8	≤40	75	155	161	297 427 K 2N 1 *
500	70	3.6	1.5	≤40	100	95	101	297 507 K 2N 1 *
510	70	2.6	2.2	≤40	85	120	126	297 517 K 2N 1 *
520	70	3.9	1.9	≤60	75	176	182	297 527 K 2N 1 *
570	65	2.7	2.3	≤40	85	135	141	297 577 K 2N 1 *
580	70	5.2	1.5	≤40	85	155	161	297 587 K 2N 1 *
600	65	2.6	2.5	≤40	85	140	146	297 607 K 2N 1 *
700	70	3.7	1.7	≤40	100	120	126	297 707 K 2N 1 *
720	80	5.1	1.0	≤40	116	96	102	297 727 K 2N 1 *
730	70	5.2	1.6	≤60	85	176	182	297 737 K 2N 1 *
780	70	3.7	1.9	≤40	100	135	141	297 787 K 2N 1 *
850	70	3.7	2.1	≤40	100	140	146	297 857 K 2N 1 *
850	70	7.4	1.2	≤40	100	155	161	297 857 K 2N 1 *
980	80	5.1	1.3	≤40	116	121	127	297 987 K 2N 1 *
1000	70	7.1	1.2	≤60	100	176	182	297 108 K 2N 1 *
1100	70	5.1	1.4	≤90	85	252	258	297 118 K 2N 1 *
1150	100	10.3	1.0	≤60	116	155	161	297 118 K 2N 1 *
1200	80	5.1	1.5	≤40	116	141	147	297 128 K 2N 1 *
1400	100	10.5	1.3	≤60	116	176	182	297 148 K 2N 1 *
1900	100	10.3	1.2	≤90	116	230	236	297 198 K 2N 1 *
3400	100	16.5	1.2	≤90	136	304	310	297 348 K 2N 1 *
3800	100	16.9	1.1	≤90	136	345	351	297 388 K 2N 1 *
4300	100	17.4	1.0	≤90	136	370	376	297 438 K 2N 1 *

*Equivalent series resistance ESR at 1 KHz.
**Equivalent series inductance ESL at resonance condition.

VR DC = 1000V

CR µF	IMAX A	Î kA	ESR mΩ	ESL nH	ØD mm	Hc mm	HT mm	Item code
220	60	1.7	2.2	≤40	75	95	101	297 227 K 3A 1 *
290	70	2.3	1.8	≤40	85	95	101	297 297 K 3A 1 *
300	55	1.7	2.9	≤40	75	120	126	297 307 K 3A 1 *
330	70	3.3	1.9	≤40	75	155	161	297 337 K 3A 1 *
400	65	2.4	2.3	≤40	85	120	126	297 407 K 3A 1 *
400	70	3.2	2.4	≤40	100	95	101	297 407 K 3A 1 *
410	70	3.4	3.2	≤60	75	176	182	297 417 K 3A 1 *
450	65	2.4	3.4	≤40	85	135	141	297 457 K 3A 1 *
460	70	4.6	2.4	≤40	85	155	161	297 467 K 3A 1 *
470	60	2.3	4.6	≤40	85	140	146	297 477 K 3A 1 *
530	70	3.3	2.3	≤40	100	120	126	297 537 K 3A 1 *
550	80	4.5	3.3	≤40	116	96	102	297 557 K 3A 1 *
570	70	4.6	4.5	≤60	85	176	182	297 577 K 3A 1 *
600	70	3.2	4.6	≤40	100	135	141	297 607 K 3A 1 *
650	70	3.2	3.2	≤40	100	140	146	297 657 K 3A 1 *
650	70	6.4	3.2	≤40	100	155	161	297 657 K 3A 1 *
750	80	4.5	6.4	≤40	116	121	127	297 757 K 3A 1 *
780	70	6.4	4.5	≤60	100	176	182	297 787 K 3A 1 *
860	70	4.6	6.4	≤90	85	252	258	297 867 K 3A 1 *
920	80	4.5	4.6	≤40	116	141	147	297 927 K 3A 1 *
920	100	9.0	4.5	≤60	116	155	161	297 927 K 3A 1 *
1100	100	8.8	9.0	≤60	116	176	182	297 118 K 3A 1 *
1500	100	8.9	8.8	≤90	116	230	236	297 158 3A 1 *
2700	100	14.9	14.9	≤90	136	305	310	297 278 K 3A 1 *
3100	100	15.0	15.0	≤90	136	345	351	297 318 K 3A 1 *
3500	100	15.5	15.5	≤90	136	370	376	297 358 K 3A 1 *

*Equivalent series resistance ESR at 1 KHz.
**Equivalent series inductance ESL at resonance condition.

VR DC = 1100V

CR µF	IMAX A	Î kA	ESR mΩ	ESL nH	ØD mm	Hc mm	HT mm	Item code
180	60	2.0	2.3	≤40	75	95	101	297 187 K 2O 1 *
240	70	2.8	1.9	≤40	85	95	101	297 247 K 2O 1 *
250	55	2.0	3.0	≤40	75	120	126	297 257 K 2O 1 *
280	70	4.1	2.0	≤40	75	155	161	297 287 K 2O 1 *
300	55	2.0	3.4	≤40	75	140	146	297 307 K 2O 1 *
320	65	2.8	2.4	≤40	85	120	126	297 327 K 2O 1 *
330	70	3.9	1.7	≤40	100	95	101	297 337 K 2O 1 *
340	70	4.1	2.1	≤60	75	176	182	297 347 K 2O 1 *
420	70	5.8	1.8	≤40	85	155	161	297 427 K 2O 1 *
450	70	3.9	2.1	≤40	100	120	126	297 457 K 2O 1 *
470	80	5.4	1.1	≤40	116	96	102	297 477 K 2O 1 *
480	70	5.6	1.9	≤60	85	176	182	297 487 K 2O 1 *
500	70	3.9	2.0	≤40	100	135	141	297 507 K 2O 1 *
540	70	3.9	2.0	≤40	100	140	146	297 547 K 2O 1 *
550	70	8.0	1.2	≤40	100	155	161	297 557 K 2O 1 *
620	80	5.4	1.5	≤40	116	121	127	297 627 K 2O 1 *
660	70	7.9	1.2	≤60	100	176	182	297 667 K 2O 1 *
720	70	5.6	1.4	≤90	85	252	258	297 727 K 2O 1 *
760	75	5.4	1.6	≤60	116	141	147	297 767 K 2O 1 *
770	100	10.9	1.1	≤60	116	155	161	297 777 K 2O 1 *
900	100	10.7	1.3	≤60	116	176	182	297 907 K 2O 1 *
1200	100	40.5	1.2	≤90	116	230	236	297 128 K 2O 1 *
2200	100	18.0	1.2	≤90	136	304	310	297 228 K 2O 1 *
2600	100	18.1	1.1	≤90	136	345	351	297 268 K 2O 1 *
3000	100	19.4	1.0	≤90	136	370	376	297 308 K 2O 1 *

*Equivalent series resistance ESR at 1 KHz.
**Equivalent series inductance ESL at resonance condition.

V_R DC = 1200V

CR µF	IMAX A	Î kA	ESR mΩ	ESL nH	ØD mm	Hc mm	Hт mm	Item code
140	55	1.8	2.8	≤40	75	95	101	297 147 K 2P 1 *
190	55	1.8	3.5	≤40	75	120	126	297 197 K 2P 1 *
200	65	2.5	2.2	≤40	85	85	101	297 207 K 2P 1 *
220	70	3.7	2.1	≤40	75	155	161	297 227 K 2P 1 *
260	60	2.5	2.7	≤40	85	120	126	297 267 K 2P 1 *
270	70	3.7	2.2	≤60	75	176	182	297 277 K 2P 1 *
270	70	3.5	2.0	≤40	100	95	101	297 277 K 2P 1 *
300	65	2.6	2.6	≤40	85	135	141	297 307 K 2P 1 *
310	70	5.1	1.9	≤40	85	155	161	297 317 K 2P 1 *
320	60	2.5	3.1	≤40	85	140	146	297 327 K 2P 1 *
360	70	3.5	2.1	≤40	100	120	126	297 367 K 2P 1 *
370	80	4.8	1.2	≤40	116	96	102	297 377 K 2P 1 *
380	70	5.0	2.0	≤60	85	176	182	297 387 K 2P 1 *
400	70	3.6	2.3	≤40	100	135	141	297 407 K 2P 1 *
430	70	3.6	2.3	≤40	100	140	146	297 437 K 2P 1 *
450	70	7.2	1.3	≤40	100	155	161	297 457 K 2P 1 *
500	70	7.1	1.3	≤60	100	176	182	297 507 K 2P 1 *
500	75	4.8	1.7	≤40	116	121	127	297 507 K 2P 1 *
580	70	4.9	1.6	≤90	85	252	258	297 587 K 2P 1 *
600	70	4.8	1.9	≤40	116	141	147	297 607 K 2P 1 *
620	100	9.9	1.0	≤60	116	155	161	297 627 K 2P 1 *
720	100	9.8	1.3	≤60	116	176	182	297 727 K 2P 1 *
1000	100	9.6	1.2	≤90	116	230	236	297 108 K 2P 1 *
1800	100	6.5	1.2	≤90	136	304	310	297 188 K 2P 1 *
2100	100	16.0	1.1	≤90	136	345	351	297 218 K 2P 1 *
2400	100	17.0	1.0	≤90	136	370	376	297 248 K 2P 1 *

*Equivalent series resistance ESR at 1 KHz.
**Equivalent series inductance ESL at resonance condition.

V_R DC = 1300V

CR µF	IMAX A	Î kA	ESR mΩ	ESL nH	ØD mm	Hc mm	Hт mm	Item code
120	55	1.7	3.0	≤40	75	95	101	297 127 K 2U 1 *
160	50	1.6	3.8	≤40	75	120	126	297 167 K 2U 1 *
160	65	2.4	2.3	≤40	85	95	101	297 167 K 2U 1 *
180	70	3.3	2.2	≤40	75	155	161	297 187 K 2U 1 *
210	70	3.1	1.9	≤40	100	95	101	297 217 K 2U 1 *
220	70	3.3	2.4	≤60	75	176	182	297 227 K 2U 1 *
230	60	2.3	2.9	≤40	85	120	126	297 237 K 2U 1 *
240	70	4.6	1.9	≤40	85	155	161	297 247 K 2U 1 *
250	60	2.3	2.9	≤40	85	135	141	297 257 K 2U 1 *
260	55	2.3	3.4	≤40	85	140	146	297 267 K 2U 1 *
280	65	3.3	2.2	≤40	100	120	126	297 287 K 2U 1 *
300	70	4.5	2.0	≤60	85	176	182	297 307 K 2U 1 *
300	80	4.5	1.3	≤40	116	96	102	297 307 K 2U 1 *
330	65	3.2	2.4	≤40	100	135	141	297 337 K 2U 1 *
350	70	6.6	1.3	≤40	100	155	161	297 357 K 2U 1 *
360	65	3.2	2.4	≤40	100	140	146	297 367 K 2U 1 *
420	70	6.6	1.4	≤60	100	176	182	297 427 K 2U 1 *
420	75	4.6	1.7	≤40	116	121	127	297 427 K 2U 1 *
480	70	4.6	1.6	≤90	85	252	258	297 487 K 2U 1 *
500	100	9.2	1.1	≤60	116	155	161	297 507 K 2U 1 *
520	70	4.6	1.9	≤40	116	141	147	297 527 K 2U 1 *
600	100	9.3	1.3	≤90	116	176	182	297 607 K 2U 1 *
830	100	9.2	1.2	≤90	116	230	236	297 837 K 2U 1 *
1500	100	15.2	1.2	≤90	136	30	310	297 158 K 2U 1 *
1700	100	15.4	1.1	≤90	136	345	351	297 178 K 2U 1 *
1900	100	5.9	1.0	≤90	136	370	376	297 198 K 2U 1 *

*Equivalent series resistance ESR at 1 KHz.
**Equivalent series inductance ESL at resonance condition.

V_R DC = 1500V

CR µF	I_{MAX} A	Î kA	ESR mΩ	ESL nH	ØD mm	Hc mm	H_T mm	Item code
100	50	1.5	3.4	≤40	75	95	101	297 107 K 3R 1 *
120	50	1.5	4.5	≤40	75	120	126	297 127 K 3R 1 *
130	60	2.2	2.7	≤40	85	95	101	297 137 K 3R 1 *
150	65	3.0	2.5	≤40	75	155	161	297 157 K 3R 1 *
170	70	2.8	2.0	≤40	100	95	101	297 177 K 3R 1 *
180	55	2.2	3.4	≤40	85	120	126	297 187 K 3R 1 *
210	60	2.2	2.7	≤40	85	135	141	297 217 K 3R 1 *
210	70	4.3	2.1	≤40	85	155	161	297 217 K 3R 1*
230	60	2.2	3.1	≤40	85	140	146	297 237 K 3R 1 *
240	65	2.8	2.4	≤40	100	120	126	297 247 K 3R 1 *
250	70	4.2	2.2	≤60	85	176	182	297 257 K 3R 1 *
250	80	4.0	1.5	≤40	116	96	102	297 257 K 3R 1 *
270	65	2.8	2.6	≤40	100	135	141	297 277 K 3R 1 *
280	70	5.4	1.4	≤40	100	155	161	297 287 K 3R 1 *
330	70	3.9	2.0	≤40	116	121	127	297 337 K 3R 1 *
340	70	5.3	1.4	≤60	100	176	182	297 347 K 3R 1 *
380	70	4.0	1.6	≤90	85	252	258	297 387 K 3R 1 *
400	100	8.4	1.2	≤60	116	155	161	297 407 K 3R 1 *
420	70	4.1	2.2	≤40	116	141	147	297 427 K 3R 1 *
500	90	8.1	1.4	≤60	116	176	182	297 507 K 3R 1 *
680	100	8.0	11.1	≤90	116	230	236	297 687 K 3R 1 *
1200	100	13.2	1.2	≤90	136	304	310	297 128 K 3R 1 *
1400	100	13.9	1.2	≤90	136	345	351	297 148 K 3R 1 *
1600	100	15.0	1.0	≤90	136	370	376	297 168 K 3R 1 *

*Equivalent series resistance ESR at 1 KHz.
**Equivalent series inductance ESL at resonance condition.

V_R DC = 1700V

CR µF	I_{MAX} A	Î kA	ESR mΩ	ESL nH	ØD mm	Hc mm	H_T mm	Item code
170	50	1.9	3.3	≤40	85	140	146	297 177 K 3S 1 *
260	80	3.5	1.8	≤60	85	230	236	297 267 K 3S 1 *
270	70	3.5	2.1	≤40	116	121	127	297 277 K 3S 1 *
320	70	3.6	2.2	≤40	116	141	147	297 327 K 3S 1 *
360	80	4.8	1.8	≤40	136	121	127	297 367 K 3S 1 *
380	100	7.1	1.2	≤60	116	176	182	297 387 K 3S 1 *
440	80	4.7	2.0	≤40	136	141	147	297 447 K 3S 1 *
500	100	9.3	1.1	≤60	136	176	182	297 507 K 3S 1 *
520	100	7.1	1.3	≤90	116	230	236	297 527 K 3S 1 *
700	100	9.5	1.2	≤90	136	230	236	297 707 K 3S 1 *
850	100	9.5	1.3	≤90	136	268	274	297 857 K 3S 1 *
1100	100	11.8	1.1	≤90	136	345	351	297 118 K 3S 1 *
1200	100	12.9	1.0	≤90	136	370	376	297 128 K 3S 1 *

*Equivalent series resistance ESR at 1 KHz.
**Equivalent series inductance ESL at resonance condition.

V_R DC = 2000V

CR µF	I_{MAX} A	Î kA	ESR mΩ	ESL nH	ØD mm	Hc mm	H_T mm	Item code
110	50	1.5	3.6	≤40	85	140	146	297 117 K 3D 1 *
170	80	2.9	1.9	≤60	85	230	236	297 177 K 3D 1 *
180	70	2.9	2.2	≤40	116	121	127	297 187 K 3D 1 *
220	70	2.9	2.4	≤40	116	141	147	297 227 K 3D 1 *
250	80	4.1	1.9	≤40	136	121	127	297 257 K 3D 1 *
260	100	6.0	1.2	≤60	116	176	182	297 267 K 3D 1 *
300	80	4.0	2.1	≤40	136	141	147	297 307 K 3D 1 *
360	100	5.9	1.4	≤90	116	230	236	297 367 K 3D 1 *
360	100	8.1	1.1	≤60	136	176	182	297 367 K 3D 1 *
480	100	8.1	1.3	≤90	136	230	236	297 487 K 3D 1 *
600	100	8.0	1.4	≤90	136	268	274	297 607 K 3D 1 *
750	100	10.3	1.1	≤90	136	345	351	297 757 K 3D 1 *
800	100	10.8	1.0	≤90	136	370	376	297 807 K 3D 1 *

*Equivalent series resistance ESR at 1 KHz.
**Equivalent series inductance ESL at resonance condition.

V_R DC = 2200V

CR µF	I_{MAX} A	Î kA	ESR mΩ	ESL nH	ØD mm	Hc mm	H_T mm	Item code
90	45	1.3	3.8	≤40	85	140	146	297 906 K 1W 1 *
140	80	2.7	2.0	≤60	85	230	236	297 147 K 1W 1 *
150	70	2.7	2.3	≤40	116	121	127	297 157 K 1W 1 *
180	65	2.7	2.6	≤40	116	141	147	297 187 K 1W 1 *
200	75	3.6	2.0	≤40	136	121	127	297 207 K 1W 1 *
210	100	5.2	1.2	≤60	116	176	182	297 217 K 1W 1 *
250	75	3.7	2.2	≤40	136	141	147	297 257 K 1W 1 *
280	100	5.4	1.5	≤90	116	230	236	297 287 K 1W 1 *
280	100	7.5	1.1	≤60	136	176	182	297 287 K 1W 1 *
400	100	7.2	1.3	≤90	136	230	236	297 407 K 1W 1 *
480	100	7.4	1.5	≤90	136	268	274	297 487 K 1W 1 *
620	100	6.2	1.2	≤90	136	345	351	297 627 K 1W 1 *
670	100	9.6	1.1	≤90	136	370	376	297 677 K 1W 1 *

*Equivalent series resistance ESR at 1 KHz.
**Equivalent series inductance ESL at resonance condition.

V_R DC = 2400V

CR µF	I_{MAX} A	Î kA	ESR mΩ	ESL nH	ØD mm	Hc mm	H_T mm	Item code
75	45	2.6	4.0	≤40	85	140	146	297 756 K 2W 1 *
120	75	2.6	2.1	≤60	85	230	236	297 127 K 2W 1 *
120	65	5.1	2.4	≤40	116	121	127	297 127 K 2W 1 *
140	65	5.1	2.7	≤40	116	141	147	297 147 K 2W 1 *
160	75	6.9	2.1	≤40	136	121	127	297 167 K 2W 1 *
170	100	5.0	1.3	≤60	116	176	182	297 177 K 2W 1 *
200	75	6.8	2.3	≤40	136	141	147	297 207 K 2W 1 *
230	100	6.9	1.2	≤60	136	176	182	297 237 K 2W 1 *
240	100	5.0	1.5	≤90	116	230	236	297 247 K 2W 1 *
320	100	6.8	1.4	≤90	136	230	136	297 327 K 2W 1 *
400	100	16.8	1.5	≤90	136	268	274	297 407 K 2W 1 *
500	100	16.6	1.3	≤90	136	345	351	297 507 K 2W 1 *
550	100	17.4	1.1	≤90	136	370	376	297 557 K 2W 1 *

*Equivalent series resistance ESR at 1 KHz.
**Equivalent series inductance ESL at resonance condition.

V_R DC = 2600V

CR µF	I_{MAX} A	Î kA	ESR mΩ	ESL nH	ØD mm	Hc mm	H_T mm	Item code
60	40	2.5	4.2	≤40	85	140	146	297 606 K 3W 1 *
100	70	2.4	2.2	≤60	85	230	236	297 107 K 3W 1 *
100	65	4.6	2.5	≤40	116	121	127	297 107 K 3W 1 *
120	65	4.8	2.8	≤40	116	141	147	297 127 K 3W 1 *
140	100	4.5	1.3	≤60	116	176	182	297 147 K 3W 1 *
140	75	6.4	2.1	≤40	136	121	127	297 147 K 3W 1 *
170	70	6.2	2.4	≤40	136	141	147	297 177 K 3W 1 *
200	100	4.6	1.6	≤90	116	230	236	297 207 K 3W 1 *
200	100	6.2	1.2	≤60	136	176	182	297 207 K 3W 1 *
270	100	6.3	1.4	≤90	136	230	236	297 277 K 3W 1 *
330	100	15.6	1.6	≤90	136	268	274	297 337 K 3W 1 *
420	100	16.0	1.3	≤90	136	345	351	297 427 K 3W 1 *
460	100	16.0	1.1	≤90	136	370	376	297 467 K 3W 1 *

*Equivalent series resistance ESR at 1 KHz.
**Equivalent series inductance ESL at resonance condition.

V_R DC = 2800V

CR µF	I_{MAX} A	Î kA	ESR mΩ	ESL nH	ØD mm	Hc mm	H_T mm	Item code
55	40	2.2	4.4	≤40	85	140	146	297 556 K 4W 1 *
80	70	2.2	2.3	≤60	85	230	236	297 806 K 4W 1 *
85	65	4.2	2.6	≤40	116	121	127	297 856 K 4W 1 *
100	60	4.3	3.0	≤40	116	141	147	297 107 K 4W 1 *
120	100	4.1	1.4	≤60	116	176	182	297 127 K 4W 1 *
120	70	5.7	2.2	≤40	136	121	127	297 127 K 4W 1 *
150	70	5.8	2.5	≤40	136	141	147	297 157 K 4W 1 *
170	100	4.2	1.6	≤90	116	230	236	297 177 K 4W 1 *
170	100	5.9	1.2	≤60	136	176	182	297 177 K 4W 1 *
230	100	5.9	1.4	≤90	136	230	236	297 237 K 4W 1 *
280	100	14.4	.6	≤90	136	268	274	297 287 K 4W 1 *
360	100	14.9	1.3	≤90	136	345	351	297 367 K 4W 1 *
400	100	14.5	1.1	≤90	136	370	376	297 407 K 4W 1 *

*Equivalent series resistance ESR at 1 KHz.
**Equivalent series inductance ESL at resonance condition.

V_R DC = 3000V

CR µF	I_{MAX} A	Î kA	ESR mΩ	ESL nH	ØD mm	Hc mm	H_T mm	Item code
45	40	2.1	4.7	≤40	85	140	146	297 456 K 3F 1 *
70	70	2.1	2.4	≤60	85	230	236	297 706 K 3F 1 *
75	60	4.0	2.7	≤40	116	121	127	297 756 K 3F 1 *
90	60	3.9	3.0	≤40	116	141	147	297 906 K 3F 1 *
100	95	3.9	1.4	≤60	116	176	182	297 107 K 3F 1 *
100	70	5.4	2.3	≤40	136	121	127	297 107 K 3F 1 *
120	70	5.3	2.6	≤40	136	141	147	297 127 K 3F 1 *
140	95	3.9	1.7	≤90	116	230	236	297 147 K 3F 1 *
140	100	5.4	1.3	≤60	136	176	182	297 147 K 3F 1 *
200	100	5.4	1.5	≤90	136	230	236	297 207 K 3F 1 *
240	100	13.4	1.7	≤90	136	268	274	297 247 K 3F 1 *
320	100	13.6	1.3	≤90	136	345	351	297 327 K 3F 1 *
330	100	13.7	1.1	≤90	136	370	376	297 337 K 3F 1 *

*Equivalent series resistance ESR at 1 KHz.
**Equivalent series inductance ESL at resonance condition.

Disclaimer

All our capacitors are designed, manufactured and tested to specifications. We strictly adhere to standards in procurement of materials, in the laid down manufacturing processes and consistently apply stringent process controls and testing parameters. This ensures that our capacitors always perform to the offered specifications. Appropriateness of use in a specific circuit and fitness to a particular application however needs to be verified and its reliability through expected lifetime is required to be validated by the customer. Deki's responsibility is limited to ensuring that the capacitor performs as claimed in the specification/ data sheets provided by Deki. Deki specifically disclaims any implied warranties of fitness for any particular purpose. Liability, in any case is limited to the price paid for the capacitors.