

外形图 Outline Drawing

铝壳干式直流滤波电容器

DC-Link Capacitor (Dr-Type, Aluminum case)



应用

Applications

- ◆ 交通工具，如：电动车、混合动力汽车
- ◆ Transportation: EV or HEV

- ◆ 风能发电、太阳能发电用变频器上
- ◆ Used in inverters of wind power and solar power
- ◆

- ◆ 焊接设备，电梯，电机驱动
- ◆ Welders, Elevators, Motor Driver systems



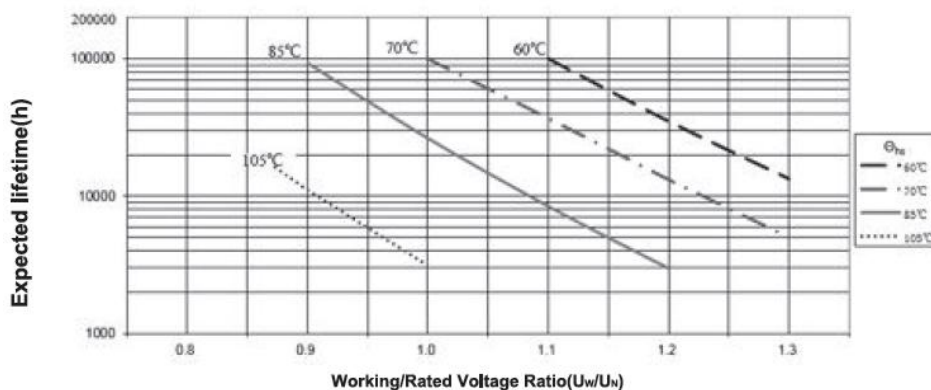
特征

- ◆ 直流滤波电路中，可替代电解电容
- ◆ 低等效串联电阻，高纹波电流处理能力
- ◆ 低电感
- ◆ 寿命时间长
- ◆ 自愈特性
- ◆ 树脂灌封

Features

- ◆ Used in DC-link circuits, can replace electrolytic capacitor
- ◆ Low ESR, high ripple current handling capabilities
- ◆ Low ESL
- ◆ Long Lifetime
- ◆ Self-healing property
- ◆ Filled with resin

预期寿命曲线图 Expected lifetime curve



新能源电容产品编码规则 (18 位)

The 18 digits part number is formed as follow.

型号代码:

Model type code:

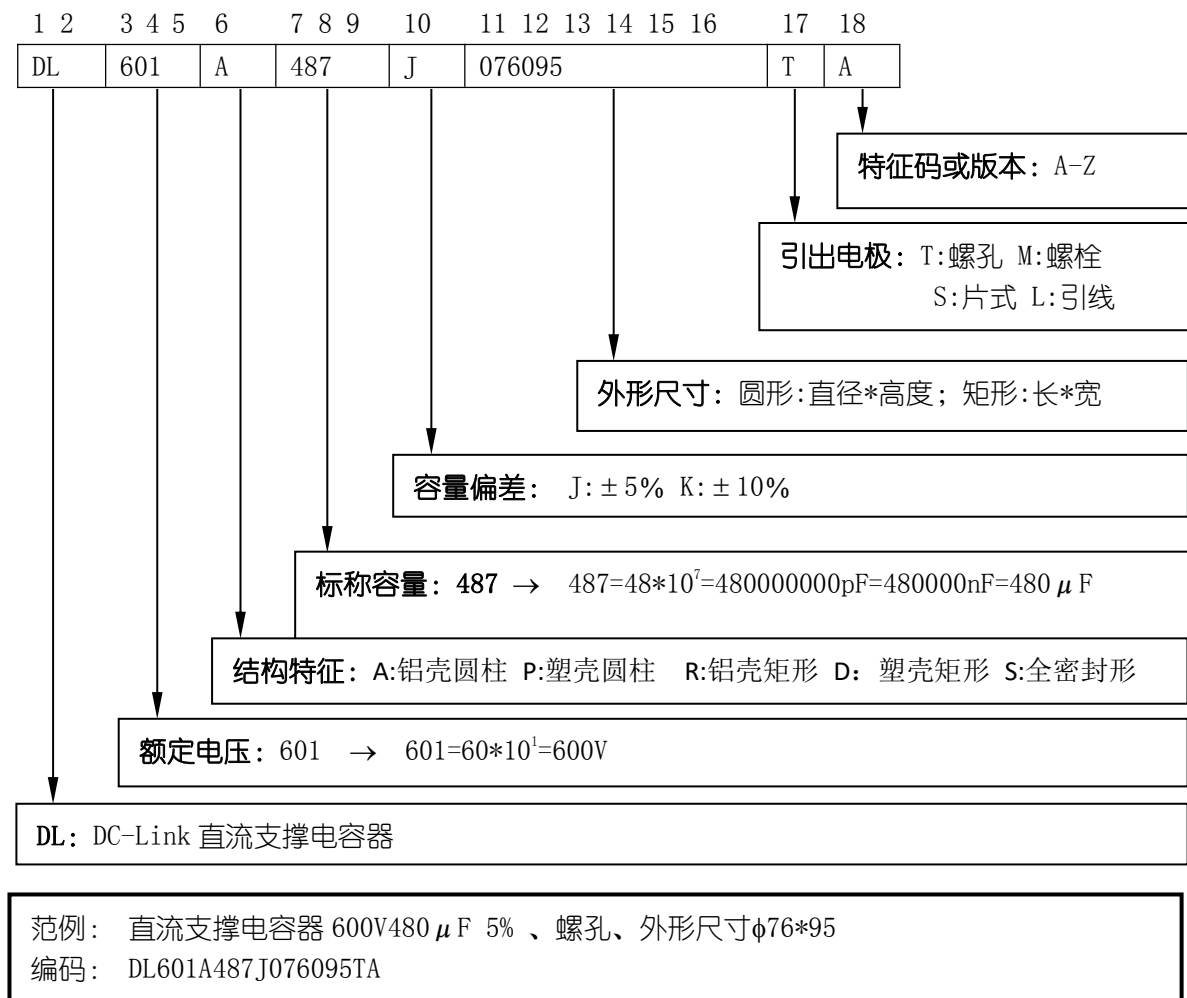
DL*** A: 铝壳圆形干式直流滤波电容器 (Dry-Typ, Aluminum case)

DL*** P: 塑壳圆形干式直流滤波电容器 (Dry-Typ, Plastic case)

DL*** R: 铝壳矩形干式直流滤波电容器 (Dry-Typ, Rectangular Aluminum case)

DL*** D: 塑壳矩形干式直流滤波电容器 (Dry-Typ, Rectangular Plastic case)

DL*** S: 全密封形干式电容器 (Dry-Typ, Sealing Type case)



技术要求 Specifications

引用标准 Reference Standard	GB/T 17702(IEC 61071)、AEC Q200D-2010	
气候类别 Climatic Category	D≤116mm: 40/85/56 D=136mm: 40/80/56	
工作温度范围 Operating Temperature Range	D≤116mm: -40℃~85℃ ($\theta_{hs} \leq 85^\circ\text{C}$) D=136mm: -40℃~80℃ ($\theta_{hs} \leq 80^\circ\text{C}$)	
储存温度范围 Storage Temperature Range	-40℃~85℃	
额定电压 (Un) Rated Voltage	600Vdc~4,000Vdc	
额定容量 (Cn) Reted Capacitance	24~5,600 μF	
电容量允许偏 Capacitance Tolerance	±5% (J)、±10% (K)	
耐电压(两极之间) Test Voltage Between Terminals	1.5 U_N (10S, 20±5℃)	
耐电压(极壳之间) Test Voltage Between Terminals&Case	$U_N < 1,500\text{Vdc}$, 3,000Vac (10S, 50Hz, 20℃±5℃) $U_N \geq 1,500\text{Vdc}$, ($\sqrt{2}U_N + 1,000$) Vac (10S, 50Hz, 20℃±5℃)	
介质损耗 $\text{tg } \delta_0$	0.0002	
IR×Cn	≥5,000S (20℃, 100Vdc, 1min)	
过电压 Over Voltage	1.1 U_N (30% of on-load-dur.)	
	1.15 U_N (30min/day)	
	1.2 U_N (5 min/day)	
	1.3 U_N (1 min/day)	
	1.5 U_N (30ms every time, 1,000 times during the life of the capacitor)	
最大使用海拔 Max. Altitude	2,000m	
最大电极扭矩 Max. Torque of terminals	M6:5Nm	M8:6Nm
最大安装扭矩 Max. Torque of Installation	10Nm	
安装 Installation	任意方向 Any Position	
预期寿命 Expected Lifetime	参考预期寿命曲线 Refer to Expected Lifetime curve	
失效率 Failure rate	50FIT	

注: 如果使用海拔高度超过 2,000m, 应考虑海拔对对流冷却及外绝缘的影响。

The effect of altitude on convection cooling and external insulation should be taken into consideration, if the altitude exceeds 2,000m.



技术参数 Technical data

U _N Vdc	C _N μF	ESR @1KHz mΩ	L _s nH	R _{th} K/W	İ (A)	I (A)			Dimension			Weight Kg	Part Number
						40 ℃	50℃	60℃	D	H	H1		
600	480	1.5	45	5.6	1,560	70	65	55	76	95	101	0.60	DL601A487J076095**
	650	1.9	50	4.7	1,560	70	63	53	76	120	126	0.70	DL601A657J076120**
	780	2.2	55	4.6	1,550	67	59	50	76	140	146	0.75	DL601A787J076140**
	820	1.5	40	4.3	3,060	70	70	62	76	155	161	0.90	DL601A827J076155**
	950	1.5	45	4.2	3,090	70	70	63	76	174	180	1.00	DL601A957J076174**
	650	1.2	45	5.1	2,120	70	70	64	86	95	101	0.72	DL601A657J086095**
	880	1.8	50	4.7	2,110	70	70	60	86	120	126	1.00	DL601A887J086120**
	1,000	1.7	55	4.6	2,070	70	65	55	86	136	142	1.10	DL601A108J086136**
	1,100	1.4	55	4.6	2,180	70	67	57	86	140	146	1.15	DL601A118J086140**
	1,100	1.4	40	4.4	4,110	70	70	64	86	155	161	1.25	DL601A118J086155**
	1,300	1.1	45	4.3	4,230	70	70	64	86	174	180	1.30	DL601A138J086174**
	2,000	1.3	55	3.0	6,510	70	70	70	86	252	258	1.80	DL601A208J086252**
	900	1.4	45	4.7	2,900	70	70	58	100	95	100	1.20	DL601A907J100095**
	1,200	1.5	50	4.1	2,850	70	70	58	100	120	125	1.48	DL601A128J100120**
	1,400	1.6	55	3.9	2,870	70	70	58	100	136	141	1.66	DL601A148J100136**
	1,500	1.0	55	3.8	2,740	70	70	58	100	140	145	1.72	DL601A158J100140**
	1,600	1.0	40	3.5	5,920	70	70	70	100	155	160	1.99	DL601A168J100155**
	1,800	0.7	45	3.2	5,800	70	70	70	100	174	179	2.28	DL601A188J100174**
	1,200	1.0	45	5.4	3,900	80	80	80	116	95	100	1.95	DL601A128J116095**
	1,600	1.1	50	5.0	3,830	80	80	70	116	120	125	1.50	DL601A168J116120**
	2,000	0.8	55	4.9	3,960	80	80	67	116	140	145	1.75	DL601A208J116140**
	2,100	0.9	40	3.6	7,840	100	100	92	116	158	163	2.00	DL601A218J116158**
	2,400	0.8	45	3.4	7,810	100	100	90	116	174	179	2.20	DL601A248J116174**
	3,000	0.8	50	2.7	11,200	100	100	100	116	230	235	2.80	DL601A308J116230**
5,600	0.8	60	2.0	15,940	100	100	100	136	295	300	4.90	DL601A568J136295**	



技术参数 Technical data

U _N Vdc	C _N μF	ESR @1KHz mΩ	L _s nH	R _{th} K/W	İ (A)	I (A)			Dimension			Weight Kg	Part Number
						40 ℃	50℃	60℃	D	H	H1		
700	360	1.6	45	5.6	1,560	70	63	53	76	95	101	0.60	DL701A367J076095**
	480	2.1	50	4.7	1,530	68	60	50	76	120	126	0.70	DL701A487J076120**
	580	2.4	55	4.6	1,530	64	56	48	76	140	146	0.75	DL701A587J076140**
	620	1.5	40	4.3	3,090	70	70	62	76	155	161	0.90	DL701A627J076155**
	720	1.6	45	4.2	3,120	70	70	61	76	174	180	1.00	DL701A727J076174**
	480	1.3	45	5.1	2,080	70	70	61	86	95	101	0.72	DL701A487J086095**
	650	1.7	50	4.7	2,080	70	66	56	86	120	126	1.00	DL701A657J086120**
	750	2.0	55	4.6	2,070	70	62	52	86	136	142	1.10	DL701A757J086136**
	780	1.9	55	4.6	2,060	70	63	53	86	140	146	1.15	DL701A787J086140**
	820	1.4	40	4.4	4,080	70	70	64	86	155	161	1.25	DL701A827J086155**
	950	1.5	45	4.3	4,120	70	70	62	86	174	180	1.30	DL701A957J086174**
	1,500	1.1	55	3.0	6,500	70	70	70	86	252	158	1.80	DL701A158J086252**
	650	1.4	45	4.7	2,710	70	69	56	100	95	100	1.20	DL701A657J100095**
	900	1.5	50	4.1	2,760	70	69	56	100	120	125	1.47	DL701A907J100120**
	1,000	1.7	55	3.9	2,650	70	67	55	100	136	141	1.67	DL701A108J100136**
	1,100	1.7	55	3.8	2,790	70	68	56	100	140	145	1.69	DL701A118J100140**
	1,100	1.0	40	3.5	5,260	70	70	70	100	155	160	2.01	DL701A118J100155**
	1,300	1.1	45	3.2	5,420	70	70	70	100	174	179	2.28	DL701A138J100174**
	920	0.7	45	5.4	3,990	80	80	80	116	95	100	1.95	DL701A927J116195**
	1,200	1.0	50	5.0	3,830	80	80	70	116	120	125	1.50	DL701A128J116120**
	1,500	1.1	55	4.9	3,950	80	80	68	116	140	145	1.75	DL701A158J116140**
	1,500	0.8	40	3.6	7,460	100	100	93	116	158	163	2.00	DL701A158J116158**
	1,800	1.0	45	3.4	7,800	100	100	85	116	174	179	2.20	DL701A188J116174**
	2,300	0.8	50	2.7	11,440	100	100	100	116	230	235	2.80	DL701A238J116230**
4,200	0.8	60	2.0	15,920	100	100	100	136	295	300	4.90	DL701A428J136295**	



技术参数 Technical data

U _N Vdc	C _N μF	ESR @1KHz mΩ	L _s nH	R _{th} K/W	I (A)	I (A)			Dimension			Weight Kg	Part Number
						40℃	50℃	60℃	D	H	H1		
800	290	1.7	45	5.6	1,530	69	61	51	76	95	101	0.60	DL801A297J076095**
	400	2.2	50	4.7	1,530	66	58	49	76	120	126	0.70	DL801A407J076120**
	480	2.5	55	4.6	1,560	63	55	47	76	140	146	0.75	DL801A487J076140**
	480	1.6	40	4.3	1,540	70	70	60	76	155	161	0.90	DL801A487J076155**
	560	1.7	45	4.2	2,910	70	70	59	76	174	180	1.00	DL801A567J076174**
	380	1.4	45	5.1	2,960	70	70	59	86	95	101	0.72	DL801A387J086095**
	520	1.8	50	4.7	2,010	70	64	54	86	120	126	1.00	DL801A527J086120**
	580	2.0	55	4.6	2,020	70	62	52	86	136	142	1.10	DL801A587J086136**
	630	2.1	55	4.6	1,950	68	60	51	86	140	146	1.15	DL801A637J086140**
	650	1.5	40	4.4	2,030	70	70	62	86	155	161	1.25	DL801A657J086155**
	750	1.6	45	4.3	3,940	70	70	60	86	174	180	1.30	DL801A757J086174**
	1100	1.2	55	3.0	3,960	70	70	70	86	252	258	1.80	DL801A118J086252**
	500	1.4	45	4.7	2,620	70	67	55	100	95	100	1.20	DL801A507J100095**
	700	1.6	50	4.1	2,700	70	67	55	100	120	125	1.47	DL801A707J100120**
	800	1.8	55	3.9	2,660	70	66	54	100	136	141	1.65	DL801A807J100136**
	850	1.8	55	3.8	2,700	70	66	54	100	140	145	1.68	DL801A857J100140**
	900	1.1	40	3.5	5,400	70	70	70	100	155	160	1.98	DL801A907J100155**
	1000	1.1	45	3.2	5,230	70	70	70	100	174	179	2.28	DL801A108J100174**
	720	0.8	45	5.4	3,800	80	80	76	116	95	100	1.20	DL801A727J116095**
	980	1.1	50	5.0	3,810	80	79	67	116	120	125	1.50	DL801A987J116120**
	1200	1.2	55	4.9	3,860	80	77	65	116	140	145	1.75	DL801A128J116140**
	1200	0.85	40	3.6	7,280	100	100	90	116	158	163	2.00	DL801A128J116158**
	1500	1.0	45	3.4	7,920	100	100	85	116	174	179	2.20	DL801A158J116174**
	1800	0.8	50	2.7	10,910	100	100	100	116	230	235	2.80	DL801A188J116230**
3200	0.8	60	2.0	14,780	100	100	100	136	295	300	4.90	DL801A328J136295**	



技术参数 Technical data

U _N Vdc	C _N μF	ESR @1KHz mΩ	L _s nH	R _{th} K/W	I (A)	I (A)			Dimension			Weight Kg	Part Number
						40℃	50℃	60℃	D	H	H1		
900	290	2.0	45	5.6	1,530	63	56	47	76	95	101	0.60	DL901A297076095**
	400	2.6	50	4.7	1,560	61	54	45	76	120	126	0.70	DL901A407076120**
	480	2.9	55	4.6	1,540	58	51	43	76	140	146	0.75	DL901A487076140**
	480	1.7	40	4.3	2,910	70	69	58	76	155	161	0.90	DL901A487076155**
	560	1.8	45	4.2	2,960	70	68	58	76	174	180	1.00	DL901A567076174**
	380	1.6	45	5.1	2,010	70	65	55	86	95	101	0.72	DL901A387086095**
	520	2.1	50	4.7	2,020	68	60	50	86	120	126	1.00	DL901A527086120**
	580	2.2	55	4.6	1,950	67	59	50	86	136	142	1.10	DL901A587086136**
	630	2.4	55	4.6	2,030	64	56	48	86	140	146	1.15	DL901A637086140**
	650	1.5	40	4.4	3,940	70	70	62	86	155	161	1.25	DL901A657086155**
	750	1.6	45	4.3	3,960	70	70	60	86	174	180	1.30	DL901A757086174**
	1,100	1.3	55	3.0	5,810	70	70	70	86	252	258	1.80	DL901A118086252**
	500	1.4	45	4.7	2,620	70	67	55	100	95	100	1.20	DL901A507100095**
	700	1.6	50	4.1	2,700	70	67	55	100	120	125	1.47	DL901A707100120**
	800	1.8	55	3.9	2,660	70	66	54	100	136	141	1.65	DL901A807100136**
	850	1.8	55	3.8	2,700	70	66	54	100	140	145	1.68	DL901A857100140**
	900	1.1	40	3.5	5,400	70	70	70	100	155	160	1.98	DL901A907100155**
	1,000	1.1	45	3.2	5,230	70	70	70	100	174	179	2.28	DL901A108100174**
	720	0.9	45	5.4	3,800	80	80	71	116	95	100	1.20	DL901A727116095**
	980	1.2	50	5.0	3,810	80	76	64	116	120	125	1.50	DL901A987116120**
	1,200	1.4	55	4.9	3,860	80	71	60	116	140	145	1.75	DL901A128116140**
	1,200	0.9	40	3.6	7,280	100	100	87	116	158	163	2.00	DL901A128116158**
	1,500	1.1	45	3.4	7,920	100	96	81	116	174	179	2.20	DL901A158116174**
1,800	0.8	50	2.7	10,910	100	100	100	116	230	235	2.80	DL901A188116230**	
3,200	0.8	60	2.0	14,780	100	100	100	136	295	300	4.90	DL901A328136295**	



技术参数 Technical data

U _N Vdc	C _N μF	ESR @1KHz mΩ	L _s nH	R _{th} K/W	I (A)	I (A)			Dimension			Weight Kg	Part Number
						40℃	50℃	60℃	D	H	H1		
1,000	220	2.2	45	5.6	1460	60	53	45	76	95	101	0.60	DL102A227J076095**
	300	2.9	50	4.7	1460	57	51	43	76	120	126	0.70	DL102A307J076120**
	360	3.3	55	4.6	1450	54	48	41	76	140	146	0.75	DL102A367J076140**
	360	1.9	40	4.3	2740	70	65	55	76	155	161	0.90	DL102A367J076155**
	420	2.0	45	4.2	2780	70	65	55	76	174	180	1.00	DL102A427J076174**
	290	1.8	45	5.1	1920	70	62	52	86	95	101	0.72	DL102A297J086095**
	400	2.3	50	4.7	1950	65	57	48	86	120	126	1.00	DL102A407J086120**
	470	2.2	55	4.6	1980	67	59	50	86	136	142	1.10	DL102A477J086136**
	480	2.6	55	4.6	1930	61	54	46	86	140	146	1.15	DL102A487J086140**
	500	1.6	40	4.4	3800	70	70	60	86	155	161	1.25	DL102A507J086155**
	560	1.7	45	4.3	3710	70	69	58	86	174	180	1.30	DL102A567J086174**
	900	1.3	55	3.0	5960	70	70	70	86	252	258	1.80	DL102A907J086252**
	380	1.5	45	4.7	2490	70	65	53	100	95	100	1.18	DL102A387J100095**
	500	1.8	50	4.1	2410	70	64	52	100	120	125	1.47	DL102A507J100120**
	600	1.9	55	3.9	2500	70	63	52	100	136	141	1.63	DL102A607J100136**
	650	1.9	55	3.8	2590	70	64	52	100	140	145	1.66	DL102A657J100140**
	650	1.1	40	3.5	4890	70	70	70	100	155	160	1.97	DL102A657J100155**
	780	1.1	45	3.2	5110	70	70	70	100	174	179	2.24	DL102A787J100174**
	540	1.0	45	5.4	3570	80	80	68	116	95	100	1.20	DL102A547J116095**
	740	1.4	50	5.0	3610	80	70	59	116	120	125	1.50	DL102A747J116120**
	900	1.5	55	4.9	3620	78	69	58	116	140	145	1.75	DL102A907J116140**
	900	0.95	40	3.6	6840	100	100	85	116	158	163	2.00	DL102A907J116158**
	1100	1.2	45	3.4	7280	100	92	78	116	174	179	2.20	DL102A118J116174**
1400	0.9	50	2.7	10630	100	100	100	116	230	235	2.80	DL102A148J116230**	
2500	0.9	60	2.0	14470	100	100	100	136	295	300	4.90	DL102A258J136295**	



技术参数 Technical data (mm)

U _N Vdc	C _N μF	ESR @1KHz mΩ	L _s nH	R _{th} K/W	İ (A)	I (A)			Dimension			Weight Kg	Part Number
						40℃	50℃	60℃	D	H	H1		
1, 100	180	2.3	45	5.6	1400	59	52	44	76	95	101	0.60	DL112A187J076095**
	250	3.0	50	4.7	1430	56	50	42	76	120	126	0.70	DL112A257J076120**
	300	3.5	55	4.6	1420	53	47	39	76	140	146	0.75	DL112A307J076140**
	310	1.9	40	4.3	2770	70	65	55	76	155	161	0.90	DL112A317J076155**
	360	2.0	45	4.2	2800	70	65	55	76	174	180	1.00	DL112A367J076174**
	240	1.9	45	5.1	1870	68	60	51	86	95	101	0.72	DL112A247J086095**
	330	2.4	50	4.7	1890	63	56	47	86	120	126	1.00	DL112A337J086120**
	420	2.3	55	4.6	2080	65	58	49	86	136	142	1.10	DL112A427J086136**
	420	1.7	40	4.4	3750	70	63	52	86	155	161	1.25	DL112A427J086155**
	500	1.8	45	4.3	3730	70	67	57	86	174	180	1.30	DL112A507J086174**
	750	1.3	55	3.0	5840	70	70	70	86	252	258	1.80	DL112A757J086252**
	350	1.5	45	4.7	2640	70	65	53	100	95	100	1.19	DL112A357J100095**
	450	1.8	50	4.1	2500	70	63	51	100	120	125	1.49	DL112A457J100120**
	520	2.0	55	3.9	2500	70	62	50	100	136	141	1.67	DL112A527J100136**
	550	2.1	55	3.8	2520	70	62	51	100	140	145	1.71	DL112A557J100140**
	580	1.1	40	3.5	5020	70	70	70	100	155	160	2.00	DL112A587J100155**
	650	1.2	45	3.2	4900	70	70	70	100	174	179	2.30	DL112A657J100174**
	450	1.0	45	5.4	3500	80	80	68	116	95	100	1.20	DL112A457J116095**
	620	1.4	50	5.0	3550	80	70	59	116	120	125	1.50	DL112A627J116120**
	750	1.6	55	4.9	3550	75	66	56	116	140	145	1.75	DL112A757J116140**
	780	0.9	40	3.6	6960	100	100	85	116	158	163	2.00	DL112A787J116158**
	920	1.1	45	3.4	7150	100	96	81	116	174	179	2.20	DL112A927J116174**
	1200	0.9	50	2.7	10710	100	100	100	116	230	235	2.80	DL112A128J116230**
2200	0.9	60	2.0	14960	100	100	100	136	295	300	4.90	DL112A228J136295**	



技术参数 Technical data (mm)

U _N Vdc	C _N μF	ESR @1KHz mΩ	L _s nH	R _{th} K/W	Ī (A)	I (A)			Dimension			Weight Kg	Part Number
						40℃	50℃	60℃	D	H	H1		
1, 200	140	2.7	45	5.6	1,330	55	48	41	76	95	101	0.60	DL122A127076095**
	200	3.4	50	4.7	1,400	53	47	40	76	120	126	0.70	DL122A207076120**
	240	3.9	55	4.6	1,380	50	44	37	76	140	146	0.75	DL122A247076140**
	240	2.0	40	4.3	2,630	70	64	54	76	155	161	0.90	DL122A247076155**
	280	2.1	45	4.2	2,670	70	63	53	76	174	180	1.00	DL122A287076174**
	190	2.1	45	5.1	1,810	65	57	48	86	95	101	0.72	DL122A197086095**
	260	2.7	50	4.7	1,810	60	53	44	86	120	126	1.00	DL122A267086120**
	320	2.5	55	4.6	1,930	63	55	47	86	136	142	1.10	DL122A327086136**
	330	3.0	55	4.6	1,900	57	50	43	86	140	146	1.15	DL122A337086140**
	330	1.8	40	4.4	3,610	70	66	56	86	155	161	1.25	DL122A337086155**
	380	1.9	45	4.3	3,610	70	65	55	86	174	180	1.30	DL122A387086174**
	580	1.5	55	3.0	5,520	70	70	70	86	252	258	1.80	DL122A587086252**
	250	1.7	45	4.7	2,320	70	61	50	100	95	100	1.19	DL122A257100095**
	350	2.0	50	4.1	2,390	70	61	50	100	120	125	1.45	DL122A357100120**
	400	2.2	55	3.9	2,360	69	59	49	100	136	141	1.63	DL122A407100136**
	420	2.2	55	3.8	2,370	69	59	49	100	140	145	1.67	DL122A427100140**
	450	1.2	40	3.5	4,790	70	70	70	100	155	160	1.96	DL122A457100155**
	500	1.2	45	3.2	4,640	70	70	70	100	174	179	2.26	DL122A507100174**
	360	1.1	45	5.4	3,420	80	76	64	116	95	100	1.20	DL122A367116095**
	500	1.6	50	5.0	3,490	75	66	55	116	120	125	1.50	DL122A507116120**
	600	1.8	55	4.9	3,450	71	63	53	116	140	145	1.75	DL122A607116140**
	620	1.0	40	3.6	6,780	100	98	83	116	158	163	2.00	DL122A627116158**
	720	1.2	45	3.4	6,740	100	92	78	116	174	179	2.20	DL122A727116174**
950	0.9	50	2.7	10,210	100	100	100	116	230	235	2.80	DL122A957116230**	
1,700	0.9	60	2.0	13,920	100	100	100	136	295	300	4.90	DL122A178136295**	



技术参数 Technical data

U _N Vdc	C _N μF	ESR @1KHz mΩ	L _s nH	R _{th} K/W	↑ (A)	I (A)			Dimension			Weight Kg	Part Number
						40℃	50℃	60℃	D	H	H1		
1, 300	120	2.9	45	5.6	1310	53	46	39	76	95	101	0.60	DL132A127J076095**
	170	3.7	50	4.7	1360	51	45	38	76	120	126	0.70	DL132A177J076120**
	210	4.1	55	4.6	1390	49	43	36	76	140	146	0.75	DL132A217J076140**
	210	2.1	40	4.3	2640	70	62	53	76	155	161	0.90	DL132A217J076155**
	240	2.3	45	4.2	2620	68	60	51	76	174	180	1.00	DL132A247J076174**
	170	2.2	45	5.1	1850	63	56	47	86	95	101	0.72	DL132A177J086095**
	230	2.8	50	4.7	1840	58	52	44	86	120	126	1.00	DL132A237J086120**
	270	2.8	55	4.6	1860	59	52	44	86	136	142	1.10	DL132A277J086136**
	270	3.3	55	4.6	1780	54	48	41	86	140	146	1.15	DL132A277J086140**
	280	1.8	40	4.4	3510	70	66	56	86	155	161	1.25	DL132A287J086155**
	320	1.9	45	4.3	3490	70	65	55	86	174	180	1.30	DL132A327J086174**
	520	1.5	55	3.0	5670	70	70	67	86	252	258	1.80	DL132A527J086252**
	210	1.8	45	4.7	2270	69	60	49	100	95	100	1.19	DL132A217J100095**
	280	2.1	50	4.1	2230	67	58	48	100	120	125	1.47	DL132A287J100120**
	330	2.3	55	3.9	2270	66	57	47	100	136	141	1.64	DL132A337J100136**
	360	2.3	55	3.8	2370	67	58	47	100	140	145	1.67	DL132A367J100140**
	380	1.2	40	3.5	4720	70	70	69	100	155	160	1.96	DL132A387J100155**
	420	1.3	45	3.2	4540	70	70	70	100	174	179	2.26	DL132A427J100174**
	320	1.2	45	5.4	3490	80	73	62	116	95	100	1.20	DL132A327J116095**
	430	1.6	50	5.0	3440	75	66	55	116	120	125	1.50	DL132A437J116120**
	520	1.8	55	4.9	3430	71	63	53	116	140	145	1.75	DL132A527J116140**
	540	1.0	40	3.6	6770	100	98	83	116	158	163	2.00	DL132A547J116158**
	630	1.2	45	3.4	6760	100	92	78	116	174	179	2.20	DL132A637J116174**
820	0.9	50	2.7	10100	100	100	100	116	230	235	2.80	DL132A827J116230**	
1,500	1.0	60	2.0	14,080	100	100	100	136	195	300	4.90	DL132A158J136195**	



技术参数 Technical data

U _N Vdc	C _N μF	ESR @1KHz mΩ	L _s nH	R _{th} K/W	I (A)	I (A)			Dimension			Weight Kg	Part Number
						40℃	50℃	60℃	D	H	H1		
1, 400	100	3.1	45	5.6	1,260	51	45	38	76	95	101	0.60	DL142A107J076095**
	140	4.0	50	4.7	1,290	49	43	36	76	120	126	0.70	DL142A147J076120**
	170	4.6	55	4.6	1,290	46	41	34	76	140	146	0.75	DL142A177J076140**
	170	2.3	40	4.3	2,460	67	59	50	76	155	161	0.90	DL142A177J076155**
	200	2.4	45	4.2	2,520	67	59	50	76	174	180	1.00	DL142A207J076174**
	140	2.4	45	5.1	1,760	61	53	45	86	95	101	0.72	DL142A147J086095**
	190	3.1	50	4.7	1,750	56	49	41	86	120	126	1.00	DL142A197J086120**
	230	2.9	55	4.6	1,800	58	51	43	86	136	142	1.10	DL142A237J086136**
	240	1.9	40	4.4	3,470	70	65	55	86	155	161	1.25	DL142A247J086155**
	270	2.1	45	4.3	3,400	70	62	53	86	174	180	1.30	DL142A277J086174**
	420	1.5	55	3.0	5,210	70	70	70	86	252	258	1.80	DL142A427J086252**
	180	1.8	45	4.7	2,240	68	59	48	100	95	100	1.19	DL142A187J100095**
	250	2.2	50	4.1	2,300	67	58	47	100	120	125	1.45	DL142A257J100120**
	290	2.4	55	3.9	2,300	65	57	46	100	136	141	1.63	DL142A297J100136**
	320	1.2	40	3.5	4,580	70	70	68	100	155	160	1.96	DL142A327J100155**
	360	1.3	45	3.2	4,490	70	70	69	100	174	179	2.26	DL142A367J100174**
	260	1.3	45	5.4	3,220	80	70	59	116	95	100	1.20	DL142A267J116095**
	360	1.8	50	5.0	3,280	70	62	52	116	120	125	1.50	DL142A367J116120**
	450	2.0	55	4.9	3,390	67	59	50	116	140	145	1.75	DL142A457J116120**
	460	1.1	40	3.6	6,540	100	94	79	116	158	163	2.00	DL142A467J116158**
540	1.3	45	3.4	6,690	89	79	66	116	174	179	2.20	DL142A547J116174**	
700	0.9	50	2.7	9,950	100	94	79	116	230	235	2.80	DL142A707J116230**	
1,300	1.05	60	2.0	14,080	100	100	97	136	295	300	4.90	DL142A138J136295**	



技术参数 Technical data

U _N Vdc	C _N μF	ESR @1KHz mΩ	L _s nH	R _{th} K/W	I (A)	I (A)			Dimension			Weight Kg	Part Number
						40℃	50℃	60℃	D	H	H1		
1, 500	90	3.3	45	5.6	1,220	49	44	37	76	95	101	0.60	DL152A906J076095**
	120	4.4	50	4.7	1,200	47	41	35	76	120	126	0.70	DL152A127J076120**
	150	4.9	55	4.6	1,230	45	39	33	76	140	146	0.75	DL152A157J076140**
	150	2.4	40	4.3	2,340	66	58	49	76	155	161	0.90	DL152A157J076155**
	170	2.5	45	4.2	2,310	65	58	49	76	174	180	1.00	DL152A177J076174**
	120	2.6	45	5.1	1,630	58	51	43	86	95	101	0.72	DL152A127J086095**
	170	3.3	50	4.7	1,690	54	48	40	86	120	126	1.00	DL152A177J086120**
	200	3.0	55	4.6	1,720	57	50	43	86	136	142	1.10	DL152A207J086136**
	210	2.0	40	4.4	3,280	70	63	53	86	155	161	1.25	DL152A217J086155**
	240	2.1	45	4.3	3,260	70	62	53	86	174	180	1.30	DL152A247J086174**
	380	1.5	55	3.0	5,080	70	70	70	86	252	258	1.80	DL152A387J086252**
	160	1.9	45	4.7	2,150	67	58	47	100	95	100	1.18	DL152A167J100095**
	210	2.3	50	4.1	2,080	65	56	46	100	120	125	1.46	DL152A217J100120**
	250	2.5	55	3.9	2,140	64	55	45	100	136	141	1.63	DL152A257J100136**
	280	1.3	40	3.5	4,320	70	70	67	100	155	160	1.96	DL152A287J100155**
	320	1.3	45	3.2	4,300	70	70	68	100	174	179	2.24	DL152A327J100174**
	230	1.4	45	5.4	3,120	77	68	57	116	95	100	1.20	DL152A237J116095**
	320	1.9	50	5.0	3,180	68	60	51	116	120	125	1.50	DL152A327J116120**
	390	2.1	55	4.9	3,200	66	58	49	116	140	145	1.75	DL152A397J116140**
	420	1.1	40	3.6	6,550	100	94	79	116	158	163	2.00	DL152A427J116158**
470	1.3	45	3.4	6,280	89	79	66	116	174	179	2.20	DL152A477J116174**	
600	1.0	50	2.7	9,200	100	89	75	116	230	235	2.80	DL152A607J116230**	
1,100	1.1	60	2.0	12,850	100	100	95	136	295	300	4.90	DL152A118J136295**	



技术参数 Technical data

U _N Vdc	C _N μF	ESR @1KHz mΩ	L _s nH	R _{th} K/W	I (A)	I (A)			Dimension			Weight Kg	Part Number
						40℃	50℃	60℃	D	H	H1		
2,000	110	3.5	65	4.5	1,830	48	42	35	86	140	146	1.05	DL202A117J086140**
	180	1.8	60	3.2	3,660	78	69	58	86	225	231	1.65	DL202A187J086225**
	180	2.1	60	3.5	3,660	70	61	52	116	120	125	1.60	DL202A187J116120**
	220	2.3	65	3.3	3,660	69	60	51	116	140	145	1.85	DL202A227J116140**
	260	1.1	55	2.9	7,360	100	93	79	116	174	179	2.30	DL202A267J116174**
	360	1.3	60	2.4	7,330	100	93	79	116	225	230	2.85	DL202A367J116225**
	250	1.8	60	2.9	5,090	78	67	55	136	120	125	2.15	DL202A257J136120**
	310	2.0	65	2.7	5,150	77	66	54	136	140	145	2.45	DL202A317J136140**
	360	1.0	55	2.4	10,200	100	99	81	136	175	180	3.15	DL202A367J136175**
	500	1.2	60	2.1	10,100	100	98	80	136	225	230	3.90	DL202A507J136225**
610	1.3	60	1.9	10,100	100	98	80	136	265	270	4.50	DL202A617J136265**	
2,200	90	3.7	65	4.5	1,790	46	41	34	86	140	146	1.05	DL222A906J086140**
	150	1.9	60	3.2	3,670	77	68	57	86	225	231	1.65	DL222A157J086225**
	140	2.2	60	3.6	3,420	67	59	50	116	120	125	1.60	DL222A147J116120**
	170	2.5	65	3.3	3,390	66	58	49	116	140	145	1.85	DL222A177J116140**
	210	1.1	55	2.9	7,150	100	91	77	116	174	179	2.30	DL222A217J116174**
	290	1.4	60	2.4	7,100	100	91	77	116	225	230	2.90	DL222A297J116225**
	200	1.9	60	2.9	4,890	76	66	54	136	120	125	2.15	DL222A207J136120**
	250	2.1	65	2.7	4,990	75	65	53	136	140	145	2.45	DL222A257J136140**
	290	1.0	55	2.4	9,870	100	97	79	136	175	180	3.15	DL222A297J136175**
	400	1.2	60	2.1	9,790	100	96	79	136	225	230	3.90	DL222A407J136225**
500	1.4	60	1.9	9,990	100	97	79	136	265	270	4.50	DL222A507J136265**	
2,400	75	3.9	65	4.5	1,770	45	40	33	86	140	146	1.05	DL242A756J086140**
	120	2.0	60	3.2	3,470	74	65	55	86	225	231	1.65	DL242A121J086225**
	120	2.3	60	3.6	3,470	66	58	49	116	120	125	1.60	DL242A121J116120**
	140	2.6	65	3.3	3,310	64	56	47	116	140	145	1.85	DL242A141J116140**
	170	1.2	55	2.9	6,840	100	89	75	116	174	179	2.30	DL242A171J116174**
	240	1.4	60	2.5	6,940	100	89	75	116	225	230	2.85	DL242A241J116225**
	160	2.0	60	3.0	4,630	73	63	52	136	120	125	2.20	DL242A161J136120**
	200	2.2	65	2.8	4,720	72	63	51	136	140	145	2.50	DL242A201J136140**
	240	1.1	55	2.5	9,660	100	95	78	136	175	180	3.15	DL242A241J136175**
	330	1.3	60	2.1	9,550	100	94	77	136	225	230	3.90	DL242A331J136225**
410	1.4	60	1.9	9,690	100	95	77	136	265	270	4.50	DL242A411J136265**	



技术参数 Technical data

U _N Vdc	C _N μF	ESR @1KHz mΩ	L _s nH	R _{th} K/W	I (A)	I (A)			Dimension			Weight Kg	Part Number
						40℃	50℃	60℃	D	H	H1		
2,600	63	4.1	65	4.5	1,730	43	38	32	86	140	146	1.05	DL262A636J086140**
	100	2.1	60	3.2	3,370	72	63	53	86	225	231	1.65	DL262A107J086225**
	100	2.4	60	3.6	3,370	64	57	48	116	120	125	1.60	DL262A107J116120**
	120	2.7	65	3.3	3,310	63	55	47	116	140	145	1.85	DL262A127J116140**
	140	1.2	55	2.9	6,570	98	87	73	116	174	179	2.30	DL262A147J116174**
	200	1.5	60	2.5	6,750	99	87	73	116	225	230	2.85	DL262A207J116225**
	140	2.0	60	3.0	4,730	73	63	51	136	120	125	2.15	DL262A147J136120**
	170	2.3	65	2.8	4,690	71	62	50	136	140	145	2.45	DL262A177J136140**
	200	1.1	55	2.5	9,390	100	94	76	136	175	180	3.15	DL262A207J136175**
	284	1.3	60	2.1	9,590	100	93	76	136	225	230	3.90	DL262A287J136225**
340	1.5	60	1.9	9,380	100	92	76	136	265	270	4.50	DL262A347J136265**	
2,800	54	4.3	65	4.5	1,710	42	37	32	86	140	146	1.05	DL282A546J086140**
	88	2.2	60	3.2	3,430	71	62	53	86	225	231	1.65	DL282A886J086225**
	86	2.5	60	3.6	3,350	63	56	47	116	120	125	1.60	DL282A866J116120**
	100	2.9	65	3.4	3,180	61	53	45	116	140	145	1.85	DL282A107J116140**
	120	1.3	55	2.9	6,500	97	85	72	116	174	179	2.30	DL282A127J116174**
	170	1.5	60	2.5	6,620	96	85	72	116	225	230	2.85	DL282A177J116225**
	120	2.1	60	3.0	4,680	71	62	51	136	120	125	2.15	DL282A127J136120**
	140	2.4	65	2.8	4,450	69	59	49	136	140	145	2.50	DL282A147J136140**
	170	1.1	55	2.5	9,210	100	92	75	136	175	180	3.15	DL282A177J136175**
	240	1.3	60	2.1	9,350	100	92	75	136	225	230	3.90	DL282A247J136225**
290	1.5	60	1.9	9,230	100	91	74	136	265	270	4.50	DL282A297J136265**	
3,000	46	4.6	65	4.6	1,570	41	36	30	86	140	146	1.05	DL302A466J086140**
	75	2.3	60	3.2	3,150	69	61	51	86	225	231	1.65	DL302A756J086225**
	74	2.6	60	3.6	3,110	62	54	46	116	120	125	1.60	DL302A746J116120**
	90	2.9	65	3.3	3,090	60	53	45	116	140	145	1.80	DL302A906J116140**
	100	1.3	55	3.0	5,840	94	83	70	116	174	179	2.35	DL302A107J116174**
	140	1.6	60	2.5	5,880	93	82	69	116	225	230	2.90	DL302A147J116225**
	100	2.2	60	3.0	4,200	69	60	49	136	120	125	2.15	DL302A107J136120**
	120	2.5	65	2.8	4,120	67	58	47	136	140	145	2.50	DL302A127J136140**
	140	1.2	55	2.5	8,180	100	89	73	136	175	180	3.15	DL302A147J136175**
	200	1.4	60	2.2	8,400	100	89	73	136	225	230	3.90	DL302A207J136225**
250	1.6	60	1.9	8,580	100	89	73	136	265	270	4.50	DL302A257J136265**	



技术参数 Technical data

U _N Vdc	C _N μF	ESR @1KHz mΩ	L _s nH	R _{th} K/W	I (A)	I (A)			Dimension			Weight Kg	Part Number
						40℃	50℃	60℃	D	H	H1		
3, 200	40	4.9	65	4.6	1,470	40	35	30	86	140	146	1.05	DL322A406J086140**
	65	2.4	60	3.2	2,930	67	59	50	86	225	231	1.65	DL322A656J086225**
	64	2.7	60	3.6	2,880	60	53	45	116	120	125	1.60	DL322A646J116120**
	78	3.1	65	3.4	2,870	59	52	44	116	140	145	1.80	DL322A786J116140**
	92	1.3	55	3.0	5,760	94	83	70	116	174	179	2.30	DL322A926J116174**
	120	1.7	60	2.5	5,410	91	80	68	116	225	230	2.90	DL322A127J116225**
	90	2.2	60	3.0	4,050	69	59	49	136	120	125	2.15	DL322A906J136120**
	110	2.5	65	2.8	4,050	67	58	47	136	140	145	2.45	DL322A117J136140**
	120	1.2	55	2.6	7,520	100	87	71	136	175	180	3.20	DL322A127J136175**
	180	1.4	60	2.2	8,110	100	89	72	136	225	230	3.85	DL322A187J136225**
220	1.6	60	1.9	8,100	100	88	72	136	265	270	4.45	DL322A227J136265**	
3, 600	28	4.0	65	4.6	1,650	43	38	32	86	140	146	1.10	DL362A286J086140**
	45	2.0	60	3.3	3,290	72	64	54	86	225	231	1.70	DL362A456J086225**
	44	2.3	60	3.7	3,220	64	57	48	116	120	125	1.65	DL362A446J116120**
	54	2.7	65	3.4	3,190	63	55	47	116	140	145	1.90	DL362A546J116140**
	88	1.4	60	2.5	6,440	98	87	73	116	225	230	3.00	DL362A886J116225**
	110	1.6	60	2.3	6,510	97	85	72	116	265	270	3.45	DL362A117J116265**
	61	2.0	60	3.0	4,460	72	63	51	136	120	125	2.25	DL362A616J136120**
	75	2.3	65	2.8	4,440	71	61	50	136	140	145	2.55	DL362A756J136140**
	120	1.3	60	2.2	8,780	100	92	75	136	225	230	4.05	DL362A127J136225**
	150	1.5	60	2.0	8,880	100	92	75	136	265	270	4.70	DL362A157J136265**
4, 000	24	4.2	65	4.6	1,650	42	37	32	86	140	146	1.10	DL402A246J086140**
	38	2.1	60	3.3	3,230	70	62	53	86	225	231	1.70	DL402A386J086225**
	37	2.4	60	3.7	3,140	63	55	47	116	120	125	1.65	DL402A376J116120**
	46	2.8	65	3.4	3,160	61	54	46	116	140	145	1.90	DL402A466J116140**
	74	1.5	60	2.5	6,290	96	85	72	116	225	230	3.00	DL402A746J116225**
	92	1.7	60	2.3	6,330	94	83	70	116	265	270	3.45	DL402A926J116265**
	52	2.1	60	3.0	4,420	71	62	50	136	120	125	2.25	DL402A526J136120**
	64	2.3	65	2.8	4,400	69	60	49	136	140	145	2.55	DL402A646J136140**
	100	1.3	60	2.2	8,500	100	90	73	136	225	230	4.05	DL402A107J136225**
	130	1.5	60	2.0	8,940	100	91	37	136	265	270	4.65	DL402A137J136265**

*可依客户要求定制电容

