

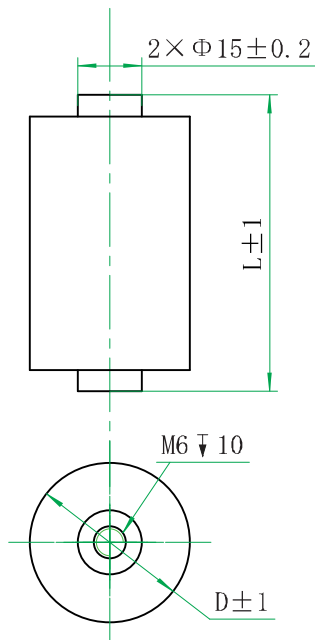
产品特点 Introduction

- ◆ 圆柱形、聚氨酯、环氧树脂灌封、干式结构；
Cylindrical, polyurethane potting, dry structure;
- ◆ 轴向螺母引出；
The axial nut is led out;
- ◆ 无感卷绕、轴向引出、自感极小；
Non inductive winding, axial leading out and minimal self induction;
- ◆ 可承受高的冲击电流；
High I_s rating;
- ◆ 具有自愈性、寿命长。
It has self-healing and long service life.

应用领域 Applications

- ◆ 可应用于GTO、IGBT、晶闸管等开关电路；
GTO, IGBT, Thyristor, Other switching circuits;
- ◆ 主要应用于软启动设备的吸收电路，对开关起保护作用。
It is mainly used in the absorption circuit of soft start equipment to protect the switch.

外形图 Outline Drawing



技术参数 Parameter

额定交流电压	U_N	2600Vac ~ 10000Vac
额定直流电压	U_{NDC}	4000Vdc ~ 15000Vdc
标称电容量	C_N	0.082 μ F ~ 3.3 μ F
容量等级	Tolerance	$\pm 5\%$ 、 $\pm 10\%$
极间耐压	U_{t-t}	1.5 U_{NDC} (10s)
极间绝缘电阻	Insulation Resistance	$RC \geq 10000s$ (500V)
损耗角正切	$\tan \delta$	≤ 0.0020 (10kHz)
热点温度	θ_{hs}	85°C
运行环境温度	Operating Temperature	-40°C ~ +85°C
储存温度	Storage Temperature	-40°C ~ +85°C
阻燃等级	Flame Retardation	UL94 V-0
海拔高度	Altitude	$\leq 2000m$
预期寿命	Life expectancy	100 000h (70°C、 U_N 、 $\Delta C/C \leq \pm 10\%$)
参考标准	Reference standards	IEC 61071、GB/T 17702

选型表 Specifications table

C_N μF	I_{max} A	dV/dt V/ μs	\hat{I}_s A	ESR m Ω 10kHz	Ls nH 1MHz	D mm	L mm	Weight kg	Part No.
$U_{NDC}=4000V_{dc}$ $U_{NAC}=2600V_{ac}$ $U_S=6000V_{dc}$									
0.40	16.9	2120	3385	8.0	25	51	100	0.22	84000D000D4uJN3A249
0.47	10.8	1150	2169	12.0	25	32	100	0.10	84000D00D47uJN3A249
0.50	14.4	1440	2885	9.0	25	40	100	0.14	84000D00D50uJN3A249
0.56	12.9	1150	2585	10.0	25	34	100	0.11	84000D00D56uJN3A249
0.68	15.7	1150	3138	9.0	25	38	100	0.13	84000D00D68uJN3A249
0.82	18.9	1150	3785	7.0	25	41	100	0.15	84000D00D82uJN3A249
1.00	23.1	1150	4615	6.0	25	45	100	0.17	84000D001D0uJN3A249
1.00	28.8	1440	5769	5.0	25	55	100	0.26	84000D001D0uJN3A249
1.20	27.7	1150	5538	5.0	25	49	100	0.20	84000D001D2uJN3A249
1.50	34.6	1150	6923	4.0	25	54	100	0.25	84000D001D5uJN3A249
1.80	41.5	1150	8308	3.0	25	59	100	0.29	84000D01D80uJN3A249
2.20	33.8	770	6769	6.0	30	53	125	0.29	84000D02D20uJN3A149
3.30	50.8	770	10154	4.0	30	65	125	0.42	84000D03D30uJN3A149
$U_{NDC}=5000V_{dc}$ $U_{NAC}=3200V_{ac}$ $U_S=7500V_{dc}$									
0.33	6.9	1050	1381	19.0	20	30	90	0.08	85000D00D33uJN3A549
0.47	9.8	1050	1968	13.0	20	35	90	0.11	85000D00D47uJN3A549
0.50	11.7	1170	2344	11.0	20	38	90	0.12	85000D00D50uJN3A549
0.68	14.2	1050	2847	9.0	20	41	90	0.14	85000D00D68uJN3A549
0.82	17.2	1050	3433	8.0	20	45	90	0.16	85000D00D82uJN3A549
1.00	20.9	1050	4186	6.0	20	49	90	0.19	85000D001D0uJN3A549
1.20	25.1	1050	5024	5.0	20	53	90	0.22	85000D001D2uJN3A549
1.50	31.4	1050	6279	4.0	20	59	90	0.27	85000D001D5uJN3A549
1.80	37.7	1050	7535	4.0	20	64	90	0.32	85000D01D80uJN3A549
2.20	77.8	1770	15561	3.0	30	65	125	0.43	85000D02D20uJN3A149
$U_{NDC}=6200V_{dc}$ $U_{NAC}=4000V_{ac}$ $U_S=9300V_{dc}$									
0.22	7.6	1730	1523	18.0	25	33	100	0.10	86200D00D22uJN3A249
0.33	11.4	1730	2285	12.0	25	39	100	0.14	86200D00D33uJN3A249
0.39	13.5	1730	2700	10.0	25	42	100	0.16	86200D00D39uJN3A249
0.47	16.3	1730	3254	8.0	25	46	100	0.18	86200D00D47uJN3A249
0.50	17.3	1730	3462	8.0	25	47	100	0.19	86200D00D50uJN3A249
0.50	15.4	1540	3077	13.0	30	51	125	0.27	86200D00D50uJN3A149
0.50	26.5	2650	5305	9.0	30	48	125	0.24	86200D00D50uJN3A149
0.56	19.4	1730	3877	7.0	25	50	100	0.21	86200D00D56uJN3A249
0.68	23.5	1730	4708	6.0	25	55	100	0.25	86200D00D68uJN3A249
0.82	28.4	1730	5677	5.0	25	60	100	0.30	86200D00D82uJN3A249
1.00	23.1	1150	4615	8.0	30	54	125	0.29	86200D001D0uJN3A149
1.00	44.2	2210	8842	5.0	30	56	125	0.32	86200D001D0uJN3A149
1.20	27.7	1150	5538	7.0	30	59	125	0.35	86200D001D2uJN3A149
1.20	53.1	2210	10610	5.0	30	61	125	0.37	86200D001D2uJN3A149
1.50	34.6	1150	6923	6.0	30	65	125	0.43	86200D001D5uJN3A149
$U_{NDC}=10000V_{dc}$ $U_{NAC}=5800V_{ac}$ $U_S=15000V_{dc}$									
0.15	10.6	3540	2122	23.0	30	36	125	0.14	8010kD00D15uJN3A149
0.18	12.7	3540	2546	19.0	30	39	125	0.16	8010kD00D18uJN3A149
0.22	15.6	3540	3112	15.0	30	43	125	0.19	8010kD00D22uJN3A149
0.33	23.3	3540	4668	10.0	30	51	125	0.27	8010kD00D33uJN3A149
0.39	27.6	3540	5517	9.0	30	56	125	0.32	8010kD00D39uJN3A149
0.47	33.2	3540	6649	7.0	30	61	125	0.37	8010kD00D47uJN3A149
0.50	35.4	3540	7073	7.0	30	62	125	0.40	8010kD00D50uJN3A149
$U_{NDC}=12000V_{dc}$ $U_{NAC}=7500V_{ac}$ $U_S=18000V_{dc}$									
0.10	8.8	4420	1768	27.0	30	37	125	0.14	8012kD00D10uJN3A149
0.12	10.6	4420	2122	23.0	30	40	125	0.17	8012kD00D12uJN3A149
0.15	13.3	4420	2653	18.0	30	44	125	0.20	8012kD00D15uJN3A149
0.18	15.9	4420	3183	15.0	30	48	125	0.24	8012kD00D18uJN3A149
0.22	19.5	4420	3890	12.0	30	52	125	0.28	8012kD00D22uJN3A149
0.33	29.2	4420	5836	8.0	30	63	125	0.41	8012kD00D33uJN3A149
$U_{NDC}=15000V_{dc}$ $U_{NAC}=10000V_{ac}$ $U_S=22500V_{dc}$									
0.082	8.7	5310	1740	27.0	30	39	125	0.17	8015kD00D082uJN3A149
0.10	10.6	5310	2122	23.0	30	43	125	0.19	8015kD00D10uJN3A149
0.12	12.7	5310	2546	19.0	30	47	125	0.23	8015kD00D12uJN3A149
0.15	15.9	5310	3183	15.0	30	52	125	0.28	8015kD00D15uJN3A149
0.18	19.1	5310	3820	13.0	30	57	125	0.33	8015kD00D18uJN3A149
0.22	23.3	5310	4668	10.0	30	62	125	0.39	8015kD00D22uJN3A149

注：1、以上参数仅作参考，以实际规格书为准； 1、The above parameters for reference only, see the specification for details.