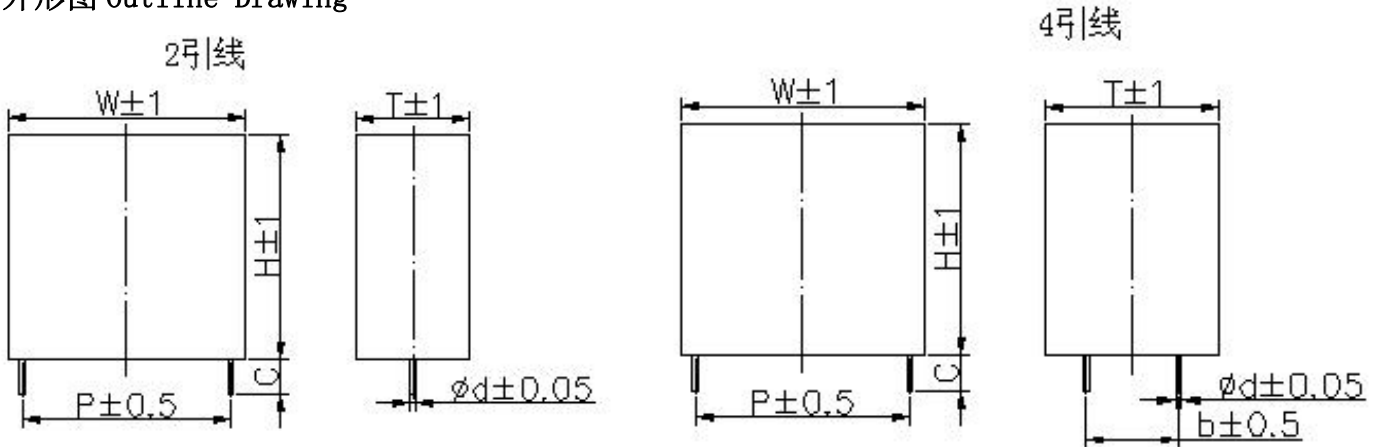


**IGBT 用突波缓冲吸收电容器(引线)**  
**Snubber Capacitors Used for IGBT(Lead wire)**

● 外形图 Outline Drawing



● 应用

- 适用于各种规格的 IGBT 缓冲吸收保护。

● Applications

- Used in applications of snubber protection of various IGBT.

● 产品描述

- 引用标准 GB/T 17702 idt IEC 61071,
- GB/T 2693 idt IEC 60384-1;
- 双面金属化极板, 聚丙烯介质无感式卷绕;
- 具有低的 ESR 和高的 dv/dt 特性;
- 可承受很大的峰-峰值电流  $I_{pp}$  和高频有效值电流  $I_{rms}$ ;
- 可提供满足各类 IGBT 系列化产品。

● Description of Products

- Reference standard: BG/T 17702 idt IEC 61071,
- GB/T 2693 idt IEC 60384-1.
- Double sided metallized polar plate, polypropylene dielectric, non-inductive winding.
- Low ESR and high dv/dt.
- Withstanding very high peak to peak value of current  $I_{pp}$  and high frequency effective value of current  $I_{rms}$ .
- Can supply series products meeting all kinds of IGBT.

● 工艺特点

- 采用双面金属化膜做电极, 以提高 dv/dt 特性;
- 可提供内置快恢复管的模块化器件。

● Technology Features

- To adopt double sided metallized film electrode to enhance property of dv/dt .
- To offer module devices with in-built quick recovery transistor.

**● 性能指标 Specifications**

引用标准 Reference Standard	IEC 61071	
气候类别 Climatic Category	40/85/56	
工作温度范围 (外壳) Operating Temperature Range (case)	-40~85℃	
额定工作电压 $U_n$ Rated Voltage $U_n$	630Vdc~3000Vdc	
电容量范围 Capacitance Range	0.47 $\mu$ F~9 $\mu$ F	
电容量偏差 $\Delta C/C$ Capacitance Tolerance $\Delta C/C$	J: $\pm 5\%$ K: $\pm 10\%$ M: $\pm 20\%$	
端子间电压 $U_{TT}$ Voltage Proof Between Terminals $U_{TT}$	1.5 $U_n$ ( 60s )	
损耗角正切 Dissipation Factor	$\leq 0.0005$ (1kHz, 20℃)	
绝缘电阻 Insulation Resistance	$\geq 100000M\Omega$ , $C_N \leq 0.33 \mu F$	(20℃, 100Vdc, 1min)
	$\geq 30000S$ , $C_N > 0.33 \mu F$	

**产品编码说明 Part number system**
**● 16 位产品代码如下:**

The 16 digits part number is formed as follow:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
C	X	A													

- |           |                |                                      |                         |
|-----------|----------------|--------------------------------------|-------------------------|
| 第 1~3 位   | Digit 1 to 3   | 型号代码                                 | Series code             |
|           |                | CXA                                  |                         |
| 第 4~6 位   | Digit 4 to 6   | 额定电压                                 | Rated voltage           |
|           |                | 举例: 163=10 <sup>1</sup> ×63V=630V    |                         |
| 第 7 位     | Digit 7        | 交流/直流电压                              | AC/DC                   |
|           |                | A=AC D=DC                            |                         |
| 第 8~10 位  | Digit 8 to 10  | 标称容量                                 | Rated capacitance value |
|           |                | 举例: 310=10 <sup>3</sup> ×10pF=0.01μF |                         |
| 第 11 位    | Digit 11       | 容量偏差                                 | Capacitance tolerance   |
|           |                | H=3%,J=±5%,K=±10%, M=±20%            |                         |
| 第 12 位    | Digit 12       | 主要特征码                                | Main code               |
|           |                | 0: 2 引线 tow pins                     |                         |
|           |                | 1: 4 引线 four pins                    |                         |
| 第 13~16 位 | Digit 13 to 16 | 内部识别码                                | Internal use            |

**● 内部识别码 Internal use**

第 13 位 Digit 13		第 14 位 Digit 14		第 15 位 Digit 15		第 16 位 Digit 16	
代码	说明	代码	说明	代码	说明	代码	说明
Code	Explanation	Code	Explanation	Code	Explanation	Code	Explanation
D	P=32.5mm	0	无 None	0	标准引线长度 5.5mm Standard lead length 5.5mm	0	引线长度偏差± 1.0mm Length tolerance ±1.0mm
F	P=37.5mm	A	b=5.1mm				
M	P=52.5mm	B	b=10.2mm				
		C	b=12.7mm				
		D	b=20.3mm				

**● 技术参数 Technical data (mm)**

630Vdc/700Vdc (420Vac)												
C <sub>N</sub> μF	W±1.0	H±1.0	T±1.0	中心距(mm)		d ±0.05	dv/dt V/μs	I (A)	ESR @100kHz (mΩ)	I <sub>max</sub> 100kHz @70°C (A)	LS (nH)	Part number
				P ±0.5	b ±0.5							
0.68	37	25	15	32.5	/	1.2	900	612	6.0	11	23	CXA170D468*0D0**
0.68	37	25	15	32.5	5.1	1.0	900	612	5.0	13	23	CXA170D468*1DA**
1.0	37	30	16	32.5	/	1.2	900	900	6.0	12	23	CXA170D510*0D0**
1.0	37	30	16	32.5	5.1	1.0	900	900	5.0	14	23	CXA170D510*1DA**
1.2	37	30	16	32.5	/	1.2	900	1080	5.5	14	23	CXA170D512*0D0**
1.2	37	30	16	32.5	5.1	1.0	900	1080	4.5	16	23	CXA170D512*1DA**
1.5	37	34	20	32.5	/	1.2	900	1350	5.5	14	23	CXA170D515*0D0**
1.5	37	34	20	32.5	10.2	1.0	900	1350	4.5	17	23	CXA170D515*1DB**
1.8	37	34	20	32.5	/	1.2	900	1620	5.5	14	23	CXA170D518*0D0**
1.8	37	34	20	32.5	10.2	1.0	900	1620	4.5	18	23	CXA170D518*1DB**
2.0	42	40	20	37.5	/	1.2	600	1200	5.0	14	29	CXA170D520*0F0**
2.0	42	40	20	37.5	10.2	1.2	600	1200	4.0	18	29	CXA170D520*1FB**
2.2	42	40	20	37.5	/	1.2	600	1320	5.0	14	29	CXA170D522*0F0**
2.2	42	40	20	37.5	10.2	1.2	600	1320	4.0	18.5	29	CXA170D522*1FB**
2.5	42	40	20	37.5	/	1.2	600	1500	5.0	14	29	CXA170D525*0F0**
2.5	42	40	20	37.5	10.2	1.2	600	1500	4.0	19	29	CXA170D525*1FB**
3.0	42	44	24	37.5	/	1.2	600	1800	5.0	14	29	CXA170D530*0F0**
3.0	42	44	24	37.5	12.7	1.2	600	1800	4.0	20	29	CXA170D530*1FC**
3.3	42	44	24	37.5	/	1.2	600	1980	4.5	14	29	CXA170D533*0F0**
3.3	42	44	24	37.5	12.7	1.2	600	1980	3.5	20	29	CXA170D533*1FC**
4.0	42	44	24	37.5	/	1.2	600	2400	4.5	14	29	CXA170D540*0F0**
4.0	42	44	24	37.5	12.7	1.2	600	2400	3.5	21	29	CXA170D540*1FC**
4.7	42	45	30	37.5	20.3	1.2	600	2820	3.5	23	29	CXA170D547*1FD**
5.0	42	45	30	37.5	20.3	1.2	600	3000	3.0	23.5	29	CXA170D550*1FD**
6.0	42	43	42	37.5	20.3	1.2	600	3600	3.0	25	29	CXA170D560*1FD**
6.5	42	43	42	37.5	20.3	1.2	600	3900	3.0	26	29	CXA170D565*1FD**
6.5	57	45	30	52.5	20.3	1.2	360	2340	2.5	24	33	CXA170D565*1MD**
7.0	57	45	30	52.5	20.3	1.2	360	2520	2.5	25	33	CXA170D570*1MD**
8.0	57	50	35	52.5	20.3	1.2	360	2880	2.5	27	33	CXA170D580*1MD**
9.0	57	50	35	52.5	20.3	1.2	360	3240	2.5	28	33	CXA170D590*1MD**

850Vdc (420Vac)												
C <sub>N</sub> μF	W±1.0	H±1.0	T±1.0	中心距(mm)		d ±0.05	dv/dt V/μs	I (A)	ESR @100kHz (mΩ)	I <sub>max</sub> 100kHz@70°C (A)	LS (nH)	Part number
				P ±0.5	b ±0.5							
0.47	37	25	15	32.5	/	1.2	1200	564	6.0	13	23	CXA190D447*0D0**
0.47	37	25	15	32.5	5.1	1.0	1200	564	5.0	15	23	CXA190D447*1DA**
0.68	37	30	16	32.5	/	1.2	1200	816	6.0	14	23	CXA190D468*0D0**

0.68	37	30	16	32.5	5.1	1.0	1200	816	5.0	16	23	CXA190D468*1DA**
1.0	37	34	20	32.5	/	1.2	1200	1200	6.0	14	23	CXA190D510*0D0**
1.0	37	34	20	32.5	10.2	1.0	1200	1200	5.0	17	23	CXA190D510*1DB**
1.2	37	34	20	32.5	/	1.2	1200	1440	6.0	14	23	CXA190D512*0D0**
1.2	37	34	20	32.5	10.2	1.0	1200	1440	5.0	17.5	23	CXA190D512*1DB**
1.5	37	34	20	32.5	/	1.2	1200	1800	6.0	14	23	CXA190D515*0D0**
1.5	37	34	20	32.5	10.2	1.0	1200	1800	5.0	18	23	CXA190D515*1DB**
1.5	42	40	20	37.5	/	1.2	750	1125	5.5	14	29	CXA190D515*0F0**
1.5	42	40	20	37.5	10.2	1.2	750	1125	4.5	18.5	29	CXA190D515*1FB**
2.0	42	40	20	37.5	/	1.2	750	1500	5.5	14	29	CXA190D520*0F0**
2.0	42	40	20	37.5	10.2	1.2	750	1500	4.5	19	29	CXA190D520*1FB**
2.2	42	40	20	37.5	/	1.2	750	1650	5.5	14	29	CXA190D522*0F0**
2.2	42	40	20	37.5	10.2	1.2	750	1650	4.5	19.5	29	CXA190D522*1FB**
2.5	42	44	24	37.5	/	1.2	750	1875	5.5	14	29	CXA190D525*0F0**
2.5	42	44	24	37.5	12.7	1.2	750	1875	4.5	20	29	CXA190D525*1FC**
3.0	42	44	24	37.5	/	1.2	750	2250	5.5	14	29	CXA190D530*0F0**
3.0	42	44	24	37.5	12.7	1.2	750	2250	4.5	21	29	CXA190D530*1FC**
3.3	42	45	30	37.5	20.3	1.2	750	2475	4.5	21.5	29	CXA190D533*1FD**
4.0	42	43	42	37.5	20.3	1.2	750	3000	4.5	22	29	CXA190D540*1FD**
4.0	57	45	30	52.5	20.3	1.2	450	1800	4.0	23	33	CXA190D540*1MD**
4.7	57	45	30	52.5	20.3	1.2	450	2115	4.0	24.5	33	CXA190D547*1MD**
5.0	57	45	30	52.5	20.3	1.2	450	2250	4.0	25	33	CXA190D550*1MD**
6.0	57	50	35	52.5	20.3	1.2	450	2700	4.0	26	33	CXA190D560*1MD**
6.5	57	50	35	52.5	20.3	1.2	450	2925	4.0	27	33	CXA190D565*1MD**

1000Vdc (500Vac)												
C <sub>N</sub> μF	W±1.0	H±1.0	T±1.0	中心距(mm)		d ±0.05	dv/dt V/μs	I (A)	ESR @100kHz (mΩ)	I <sub>max</sub> 100kHz@70°C (A)	LS (nH)	Part number
				P ±0.5	b ±0.5							
0.47	37	25	15	32.5	/	1.2	1300	611	6.0	12	23	CXA210D447*0D0**
0.47	37	25	15	32.5	5.1	1.0	1300	611	5.0	14	23	CXA210D447*1DA**
0.68	37	30	16	32.5	/	1.2	1300	884	6.0	13	23	CXA210D468*0D0**
0.68	37	30	16	32.5	5.1	1.0	1300	884	5.0	15	23	CXA210D468*1DA**
0.82	37	30	16	32.5	/	1.2	1300	1066	6.0	14	23	CXA210D482*0D0**
0.82	37	30	16	32.5	5.1	1.0	1300	1066	5.0	16	23	CXA210D482*1DA**
1.0	37	34	20	32.5	/	1.2	1300	1300	5.5	14	23	CXA210D510*0D0**
1.0	37	34	20	32.5	10.2	1.0	1300	1300	4.5	17	23	CXA210D510*1DB**
1.2	37	34	20	32.5	/	1.2	1300	1560	5.5	14	23	CXA210D512*0D0**
1.2	37	34	20	32.5	10.2	1.0	1300	1560	4.5	17	23	CXA210D512*1DB**
1.2	42	40	20	37.5	/	1.2	850	1020	5.5	14	29	CXA210D512*0F0**
1.2	42	40	20	37.5	10.2	1.2	850	1020	4.5	16	29	CXA210D512*1FB**
1.5	42	40	20	37.5	/	1.2	850	1275	5.5	14	29	CXA210D515*0F0**
1.5	42	40	20	37.5	10.2	1.2	850	1275	4.5	16	29	CXA210D515*1FB**
2.0	42	44	24	37.5	/	1.2	850	1700	5.5	14	29	CXA210D520*0F0**



CXA



2.0	42	44	24	37.5	12.7	1.2	850	1700	4.5	17	29	CXA210D520*1FC**
2.2	42	44	24	37.5	/	1.2	850	1870	5.0	14	29	CXA210D522*0F0**
2.2	42	44	24	37.5	12.7	1.2	850	1870	4.0	20	29	CXA210D522*1FC**
2.5	42	45	30	37.5	20.3	1.2	850	2125	4.0	21	29	CXA210D525*1FD**
3.0	42	45	30	37.5	20.3	1.2	850	2550	4.0	21.5	29	CXA210D530*1FD**
3.3	42	43	42	37.5	20.3	1.2	850	2805	4.0	22	29	CXA210D533*1FD**
3.3	57	45	30	52.5	20.3	1.2	500	1650	4.0	20	33	CXA210D533*1MD**
4.0	57	45	30	52.5	20.3	1.2	500	2000	4.0	21	33	CXA210D540*1MD**
4.7	57	50	35	52.5	20.3	1.2	500	2350	4.0	22	33	CXA210D547*1MD**
5.0	57	50	35	52.5	20.3	1.2	500	2500	4.0	23	33	CXA210D550*1MD**

## 1200Vdc (600Vac)

C <sub>N</sub> μF	W±1.0	H±1.0	T±1.0	中心距(mm)		d ±0.05	dv/dt V/μs	I (A)	ESR @100kHz (mΩ)	I <sub>max</sub> 100kHz@70°C (A)	LS (nH)	Part number
				P ±0.5	b ±0.5							
0.33	37	25	15	32.5	/	1.2	1500	495	6.5	11.5	23	CXA212D433*0D0**
0.33	37	25	15	32.5	5.1	1.0	1500	495	5.5	13.5	23	CXA212D433*1DA**
0.47	37	30	16	32.5	/	1.2	1500	705	6.5	12	23	CXA212D447*0D0**
0.47	37	30	16	32.5	5.1	1.0	1500	705	5.5	14	23	CXA212D447*1DA**
0.68	37	34	20	32.5	/	1.2	1500	1020	6.5	13	23	CXA212D468*0D0**
0.68	37	34	20	32.5	10.2	1.0	1500	1020	5.5	15	23	CXA212D468*1DB**
0.75	37	34	20	32.5	/	1.2	1500	1125	6.5	14	23	CXA212D475*0D0**
0.75	37	34	20	32.5	10.2	1.0	1500	1125	5.5	16	23	CXA212D475*1DB**
0.82	42	40	20	37.5	/	1.2	950	779	6.0	14	29	CXA212D482*0F0**
0.82	42	40	20	37.5	10.2	1.2	950	779	5.0	16	29	CXA212D482*1FB**
1.0	42	40	20	37.5	/	1.2	950	950	6.0	14	29	CXA212D510*0F0**
1.0	42	40	20	37.5	10.2	1.2	950	950	5.0	17	29	CXA212D510*1FB**
1.2	42	44	24	37.5	/	1.2	950	1140	5.5	14	29	CXA212D512*0F0**
1.2	42	44	24	37.5	12.7	1.2	950	1140	4.5	17	29	CXA212D512*1FC**
1.5	42	44	24	37.5	/	1.2	950	1425	5.5	14	29	CXA212D515*0F0**
1.5	42	44	24	37.5	12.7	1.2	950	1425	4.5	17.5	29	CXA212D515*1FC**
2.0	42	45	30	37.5	20.3	1.2	950	1900	4.5	18	29	CXA212D520*1FD**
2.2	42	43	42	37.5	20.3	1.2	950	2090	4.5	19	29	CXA212D522*1FD**
2.5	42	43	42	37.5	20.3	1.2	950	2375	4.5	20	29	CXA212D525*1FD**
2.2	57	45	30	52.5	20.3	1.2	600	1320	4.0	18	33	CXA212D522*1MD**
2.5	57	45	30	52.5	20.3	1.2	600	1500	4.0	19	33	CXA212D525*1MD**
3.0	57	45	30	52.5	20.3	1.2	600	1800	4.0	20	33	CXA212D530*1MD**
3.3	57	50	35	52.5	20.3	1.2	600	1980	4.0	21	33	CXA212D533*1MD**
4.0	57	50	35	52.5	20.3	1.2	600	2400	4.0	22	33	CXA212D540*1MD**

## 1600Vdc (650Vac)

C <sub>N</sub> μF	W±1.0	H±1.0	T±1.0	中心距(mm)		d ±0.05	dv/dt V/μs	I (A)	ESR @100kHz (mΩ)	I <sub>max</sub> 100kHz@70°C (A)	LS (nH)	Part number
				P ±0.5	b ±0.5							

0.22	37	25	15	32.5	/	1.2	1900	418	7.5	11	23	CXA216D422*0D0**
0.22	37	25	15	32.5	5.1	1.0	1900	418	6.5	13	23	CXA216D422*1DA**
0.33	37	30	16	32.5	/	1.2	1900	627	7.5	11.5	23	CXA216D433*0D0**
0.33	37	30	16	32.5	5.1	1.0	1900	627	6.5	13.5	23	CXA216D433*1DA**
0.39	37	34	20	32.5	/	1.2	1900	741	7.0	12	23	CXA216D439*0D0**
0.39	37	34	20	32.5	5.1	1.0	1900	741	6.0	14	23	CXA216D439*1DA**
0.47	37	34	20	32.5	/	1.2	1900	893	7.0	13	23	CXA216D447*0D0**
0.47	37	34	20	32.5	10.2	1.0	1900	893	6.0	15	23	CXA216D447*1DB**
0.68	42	40	20	37.5	/	1.2	1250	850	4.0	14	29	CXA216D468*0F0**
0.68	42	40	20	37.5	10.2	1.2	1250	850	4.0	16	29	CXA216D468*1FB**
0.82	42	44	24	37.5	/	1.2	1250	1025	4.0	14	29	CXA216D468*0F0**
0.82	42	44	24	37.5	12.7	1.2	1250	1025	4.0	17	29	CXA216D468*1FC**
1.0	42	45	30	37.5	20.3	1.2	1250	1250	4.0	17.5	29	CXA216D510*1FD**
1.2	42	45	30	37.5	20.3	1.2	1250	1500	4.0	18	29	CXA216D512*1FD**
1.5	42	43	42	37.5	20.3	1.2	1250	1875	4.0	19	29	CXA216D515*1FD**
1.5	57	45	30	52.5	20.3	1.2	750	1125	4.0	20	33	CXA216D515*1MD**
2.0	57	50	35	52.5	20.3	1.2	750	1500	4.0	22	33	CXA216D520*1MD**

1700Vdc (675Vac)												
C <sub>N</sub> μF	W±1.0	H±1.0	T±1.0	中心距(mm)		d ±0.05	dv/dt V/μs	I (A)	ESR @100kHz (mΩ)	I <sub>max</sub> 100kHz@70°C (A)	LS (nH)	Part number
				P ±0.5	b ±0.5							
0.15	37	25	15	32.5	/	1.2	2000	300	8.5	10	23	CXA216D415*0D0**
0.15	37	25	15	32.5	5.1	1.0	2000	300	7.5	12	23	CXA216D415*1DA**
0.22	37	30	16	32.5	/	1.2	2000	440	7.5	11	23	CXA216D422*0D0**
0.22	37	30	16	32.5	5.1	1.0	2000	440	6.5	13	23	CXA216D422*1DA**
0.33	37	34	20	32.5	/	1.2	2000	660	7.0	11.5	23	CXA216D433*0D0**
0.33	37	34	20	32.5	10.2	1.0	2000	660	6.0	13.5	23	CXA216D433*1DB**
0.39	37	34	20	32.5	/	1.2	2000	780	7.0	12	23	CXA216D439*0D0**
0.39	37	34	20	32.5	10.2	1.0	2000	780	6.0	14	23	CXA216D439*1DB**
0.47	42	36	24	37.5	/	1.2	1260	592	6.0	12	29	CXA216D447*0F0**
0.47	42	36	24	37.5	12.7	1.2	1260	592	5.0	14	29	CXA216D447*1FC**
0.56	42	36	24	37.5	/	1.2	1260	706	6.0	13	29	CXA216D456*0F0**
0.56	42	36	24	37.5	12.7	1.2	1260	706	5.0	15	29	CXA216D456*1FC**
0.68	42	44	24	37.5	/	1.2	1260	857	6.0	14	29	CXA216D468*0F0**
0.68	42	44	24	37.5	12.7	1.2	1260	857	6.0	16	29	CXA216D468*1FC**
0.82	42	44	24	37.5	/	1.2	1260	1033	5.5	14	29	CXA216D482*0F0**
0.82	42	44	24	37.5	12.7	1.2	1260	1033	4.5	17	29	CXA216D482*1FC**
1.0	42	45	30	37.5	20.3	1.2	1260	1260	4.5	18	29	CXA216D510*1FD**
1.2	42	43	42	37.5	20.3	1.2	1260	1512	4.5	19	29	CXA216D512*1FD**
1.0	57	45	25	52.5	20.3	1.2	780	780	4.0	16	33	CXA216D510*1MD**
1.2	57	43.5	29.5	52.5	20.3	1.2	780	936	4.0	17	33	CXA216D512*1MD**
1.5	57	50	35	52.5	20.3	1.2	780	1170	4.0	20	33	CXA216D515*1MD**
2.0	57	50	35	52.5	20.3	1.2	780	1560	4.0	22	33	CXA216D520*1MD**

2000Vdc (700Vac)

C <sub>N</sub> μF	W±1.0	H±1.0	T±1.0	中心距(mm)		d ±0.05	dv/dt V/μs	I (A)	ESR @100kHz (mΩ)	I <sub>max</sub> 100kHz@70°C (A)	LS (nH)	Part number
				P ±0.5	b ±0.5							
0.1	37	25	15	32.5	/	1.2	2241	224	9.5	10	23	CXA220D410*0D0**
0.1	37	25	15	32.5	5.1	1.0	2241	224	8.5	12	23	CXA220D410*1DA**
0.15	37	25	15	32.5	/	1.2	2241	336	9.5	11	23	CXA220D415*0D0**
0.15	37	25	15	32.5	5.1	1.0	2241	336	8.5	13	23	CXA220D415*1DA**
0.22	37	30	16	32.5	/	1.2	2241	493	7.5	11.5	23	CXA220D422*0D0**
0.22	37	30	16	32.5	5.1	1.0	2241	493	6.5	13.5	23	CXA220D422*1DA**
0.33	37	34	20	32.5	/	1.2	2241	740	7.5	12	23	CXA220D433*0D0**
0.33	37	34	20	32.5	10.2	1.0	2241	740	6.5	14	23	CXA220D433*1DB**
0.47	42	40	20	37.5	/	1.2	1300	611	6.0	13	29	CXA220D447*0F0**
0.47	42	40	20	37.5	10.2	1.2	1300	611	5.0	15	29	CXA220D447*1FB**
0.56	42	44	24	37.5	/	1.2	1300	728	6.0	14	29	CXA220D456*0F0**
0.56	42	44	24	37.5	12.7	1.2	1300	728	5.0	16	29	CXA220D456*1FC**
0.68	42	44	24	37.5	/	1.2	1300	884	5.5	14	29	CXA220D468*0F0**
0.68	42	44	24	37.5	12.7	1.2	1300	884	4.5	16.5	29	CXA220D468*1FC**
0.82	42	45	30	37.5	20.3	1.2	1300	1066	4.5	17	29	CXA220D482*1FD**
1.0	42	43	42	37.5	20.3	1.2	1300	1300	4.5	19	29	CXA220D510*1FD**
1.0	57	45	30	52.5	20.3	1.2	850	850	4.5	20	33	CXA220D510*1MD**
1.2	57	45	30	52.5	20.3	1.2	850	1020	4.5	21	33	CXA220D512*1MD**
1.5	57	50	35	52.5	20.3	1.2	850	1275	4.5	22	33	CXA220D515*1MD**

2500Vdc (725Vac)

C <sub>N</sub> μF	W±1.0	H±1.0	T±1.0	中心距(mm)		d ±0.05	dv/dt V/μs	I (A)	ESR @100kHz (mΩ)	I <sub>max</sub> 100kHz@70°C (A)	LS (nH)	Part number
				P ±0.5	b ±0.5							
0.068	37	25	15	32.5	/	1.2	3230	220	10.0	10	23	CXA225D368*0D0**
0.068	37	25	15	32.5	5.1	1.0	3230	220	9.0	12	23	CXA225D368*1DA**
0.10	37	30	16	32.5	/	1.2	3230	323	10.0	11	23	CXA225D410*0D0**
0.10	37	30	16	32.5	5.1	1.0	3230	323	9.0	13	23	CXA225D410*1DA**
0.15	37	34	20	32.5	/	1.2	3230	485	9.5	12	23	CXA225D415*0D0**
0.15	37	34	20	32.5	10.2	1.0	3230	485	8.5	14	23	CXA225D415*1DB**
0.18	37	34	20	32.5	/	1.2	3230	581	9.0	13	23	CXA225D418*0D0**
0.18	37	34	20	32.5	10.2	1.0	3230	581	8.0	15	23	CXA225D418*1DB**
0.22	42	40	20	37.5	/	1.2	2100	462	5.5	13	29	CXA225D422*0F0**
0.22	42	40	20	37.5	10.2	1.2	2100	462	4.5	15	29	CXA225D422*1FB**
0.33	42	44	24	37.5	/	1.2	2100	693	5.5	13	29	CXA225D433*0F0**
0.33	42	44	24	37.5	12.7	1.2	2100	693	4.5	15.2	29	CXA225D433*1FC**
0.47	42	45	30	37.5	20.3	1.2	2100	987	4.0	16	29	CXA225D447*1FD**
0.68	42	43	42	37.5	20.3	1.2	2100	1428	4.0	16.5	29	CXA225D468*1FD**
0.68	57	45	30	52.5	20.3	1.2	1200	816	4.0	17	33	CXA225D468*1MD**
1.0	57	50	35	52.5	20.3	1.2	1200	1200	4.0	17.5	33	CXA225D510*1MD**



3000Vdc (750Vac)												
C <sub>N</sub> μF	W±1.0	H±1.0	T±1.0	中心距 (mm)		d ±0.05	dv/dt V/μs	I (A)	ESR @100kHz (mΩ)	I <sub>max</sub> 100kHz@70°C (A)	LS (nH)	Part number
				P ±0.5	b ±0.5							
0.047	37	25	15	32.5	/	1.2	3361	158	10.5	9	23	CXA230D347*0D0**
0.047	37	25	15	32.5	5.1	1.0	3361	158	9.5	11	23	CXA230D347*1DA**
0.068	37	30	16	32.5	/	1.2	3361	229	10.0	10	23	CXA230D368*0D0**
0.068	37	30	16	32.5	5.1	1.0	3361	229	9.0	12	23	CXA230D368*1DA**
0.1	37	34	20	32.5	/	1.2	3361	336	9.5	11	23	CXA230D410*0D0**
0.1	37	34	20	32.5	10.2	1.0	3361	336	8.5	13	23	CXA230D410*1DB**
0.15	37	34	20	32.5	/	1.2	3361	504	9.0	11.5	23	CXA230D415*0D0**
0.15	37	34	20	32.5	10.2	1.0	3361	504	8.0	13.5	23	CXA230D415*1DB**
0.22	42	40	20	37.5	/	1.2	2050	451	7.0	12	29	CXA230D422*0F0**
0.22	42	40	20	37.5	10.2	1.2	2050	451	6.0	14	29	CXA230D422*1FB**
0.33	42	45	30	37.5	20.3	1.2	2050	677	5.5	14.5	29	CXA230D433*1FD**
0.47	42	43	42	37.5	20.3	1.2	2050	964	5.0	16	29	CXA230D447*1FD**
0.47	57	45	30	52.5	20.3	1.2	1200	564	5.0	16.5	33	CXA230D447*1MD**
0.68	57	50	35	52.5	20.3	1.2	1200	816	5.0	17	33	CXA230D468*1MD**
0.82	57	50	35	52.5	20.3	1.2	1200	984	4.5	18	33	CXA230D482*1MD**

备注：可根据客户需求，提供定制产品。

Note: Special design available to meet your requirements.