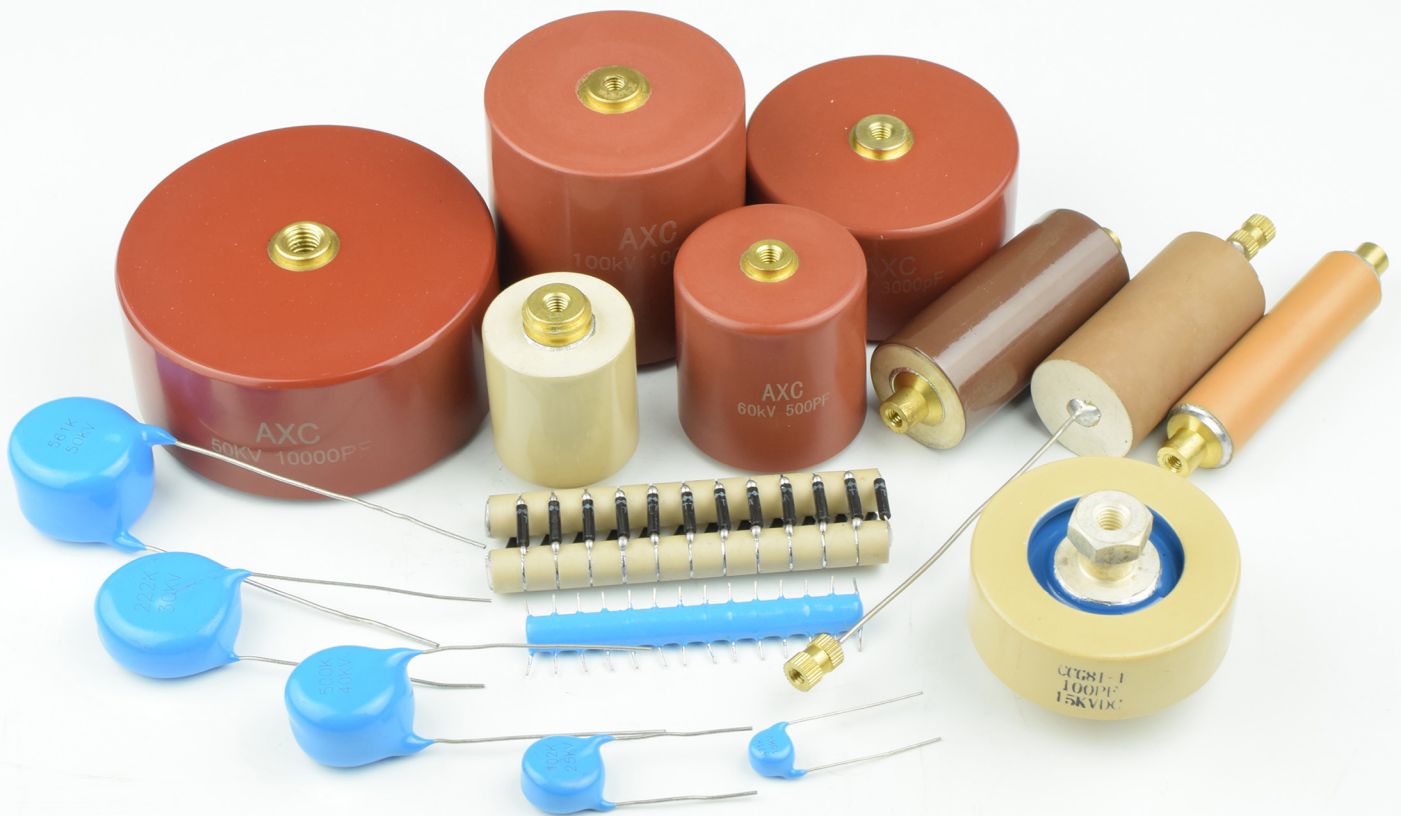




High Voltage Ceramic Capacitors



Cixi AnXon Electronic Co., Ltd
"make the power smarter"

High Voltage Ceramic Capacitors



CT8G Series, Mold Type Capacitors

Features

- Compact size, Screw terminal mounting
- Low DC, AC-voltage coefficient
- Low inductance, High insulation resistance
- Class1, 2 Ceramic singlelayer capacitor
- Coated and uncoated devices available
- Very low corona capacitors available on request

Applications

- High voltage power supplies, gas lasers
- Marx generators, Impulse power generators
- High voltage coupling devices, HV dividers
- Power line coupling system for Internet & Telecom
- X-ray equipment, Electrostatic coating machines
- Lightning arresters, voltage distribution systems

Presentation



Electrical Characteristics

Rated DC voltage Range	10kVdc to 150kVdc
Rated AC voltage range	3.6kVrms to 120kVrms
Rated Capacitance range	10pF to 20000pF individual
Capacitance tolerance	Standard $\pm 10\%$, $\pm 1\%$ available
Withstand voltage test	Standard 1.5 times of rated voltage
Operating frequency	Max 30Mhz
Dissipation factor	Min 0.05%
AC Corona	Min 1pC available
Temperature properties	Min $\pm 60\text{ppm}/^\circ\text{C}$
Self-inductance	$LS \leq 30\text{nH}$

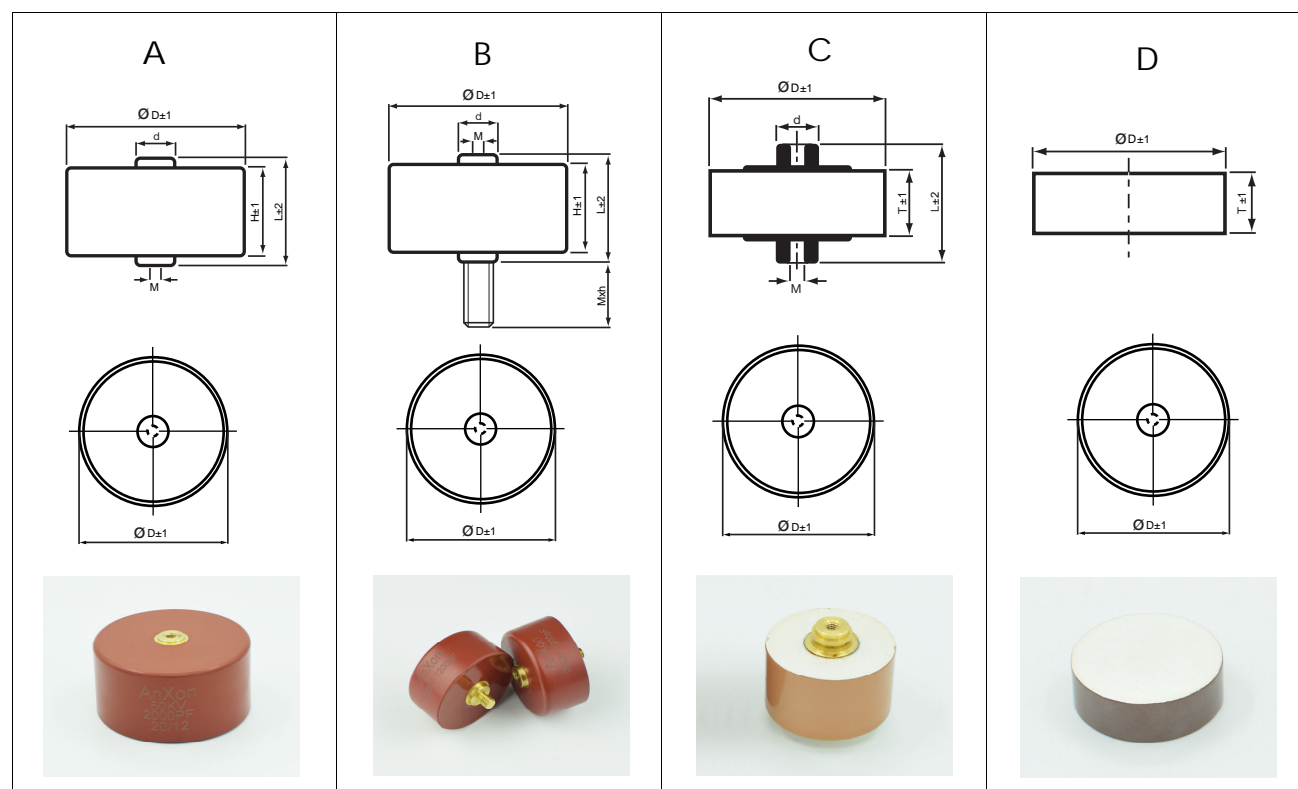
For technical questions, please contact: sales@anxoncap.com

High Voltage Ceramic Capacitors



CT8G Series, Mold Type Capacitors

Products types (table 1)



Dielectric Characteristics (table 2)

No.	Dielectric class	Typical dielectric constant	Operating temperature range (°C)	Capacitance change with temperature (%)	Dissipation factor (1kHz/1VRMS/20°C)	Insulation resistance (1000VD/20°C/60s)	AnXon dielectric code
1	NPO(C0G)	100	-40/+125°C	±60ppm/°C	0.05%	>100GΩ	N1
2	SL	290~300	-40/+85°C	+350/-1000ppm/°C	0.05%	>100GΩ	G3
3	DL	450	-35/+85°C	-2200±500ppm/°C	0.05%	>100GΩ	C4
4	DL	700~760	-35/+85°C	-3300±500ppm/°C	0.06%	>100GΩ	C6
5	DL	850~900	-35/+85°C	±3000ppm/°C	0.08%	>100GΩ	C8
6	N4700	2000~2300	-35/+85°C	+5000ppm/°C ~ -4300ppm/°C	0.20%	>100GΩ	E4
7	N3300	2900~3000	-35/+85°C	+22/-33%	0.30%	>100GΩ	E3
8	Y5T	1500	-35/+85°C	+22/-33%	0.30%	>100GΩ	D1
9	Y5T	2500	-35/+85°C	+22/-33%	0.30%	>100GΩ	D2
10	Y5T	3500	-35/+85°C	+22/-33%	0.30%	>100GΩ	D3
11	Y5T	5000	-35/+85°C	+22/-33%	0.50%	>100GΩ	D5
12	Y5S	4500~4800	-35/+85°C	±22%	0.50%	>100GΩ	S4
13	Y5P	1500	-35/+85°C	±10%	1.50%	>100GΩ	P1
14	Y5P	2500	-35/+85°C	±10%	1.50%	>100GΩ	P2
15	Y5P	3600~3800	-35/+85°C	±10%	1.50%	>100GΩ	P3
16	BN	3600~3800	-35/+85°C	±10%	1.00%	>100GΩ	B3

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High Voltage Ceramic Capacitors



CT8G Series, Mold Type Capacitors

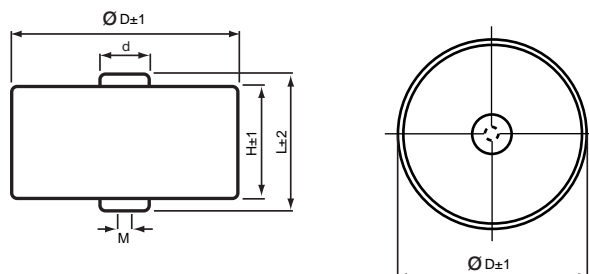
Part number code

AX	CT8G	E4	0202	K	4	D	1	B
AnXon	CT8G Series, Mold Type Capacitors	Dielectric Code E4=N4700 See table 2	Capacitance 02R0=2.0PF 1150=115PF 0200=20PF 0201=200PF 0202=2000PF	Cap tolerance K=±10% J=±5% G=±2% F=±1%	Rated Voltage X=6KV, Y=10KV Z=15KV, 2=20KV 3=30KV, 4=40KV 5=50KV, 6=60KV 7=70KV, 8=80KV A=100KV, B=120KV C=150KV, ...	D=DC A=AC	1=Type A 2=Type B 3=Type C 4=Type D See table 1	Internal code

Specifications

Coated Capacitor with Screw terminals-- Type A

References - Voltage, Capacitance and Dimensions Range



Part Number	Rated Voltage U_n (KVDC)	Rated Capacitance C_n (PF)	Ceramic Dielectric	Dimensions (mm)				Ceramic Dielectric Code
				D±1	H±1	L±2	M	
AXCT8GD50163KXD1B	6	16000	Y5T	60	14	18	4	D5
AXCT8GD30203KXD1B	6	20000	Y5T	80	16	20	5	D3
AXCT8GD50253KXD1B	6	25000	Y5T	80	16	20	5	D5
AXCT8GC40421KYD1B	10	420	DL	38	15	19	4	C4
AXCT8GE40561KYD1B	10	560	N4700	24	14	18	4	E4
AXCT8GE40701KYD1B	10	700	N4700	30	15	19	4	E4
AXCT8GC80102KYD1B	10	1000	DL	40	14	18	4	C8
AXCT8GD30102KYD1B	10	1000	Y5T	30	16	20	4	D3
AXCT8GE40122KYD1B	10	1200	N4700	38	16	20	4	E4
AXCT8GE40152KYD1B	10	1500	N4700	38	17	21	4	E4
AXCT8GE40282KYD1B	10	2800	N4700	40	15	19	4	E4
AXCT8GC80302KYD1B	10	3000	DL	60	14	18	5	C8
AXCT8GD30302KYD1B	10	3000	Y5T	40	18	22	4	D3

Notes

- * Withstand voltage test: $U_n \leq 80kV$ 1.5 times U_n , $U_n > 80kV$ 1.2 times U_n , this is minimum figures, please consult us for details of each specification.
- * Standard capacitance tolerance: ±10%, others available on request.
- * All specifications are designed for our current customers, other voltage, capacitance, dimensions available on request.
- * Larger capacitance and higher voltage capacitor banks available on request.

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High Voltage Ceramic Capacitors

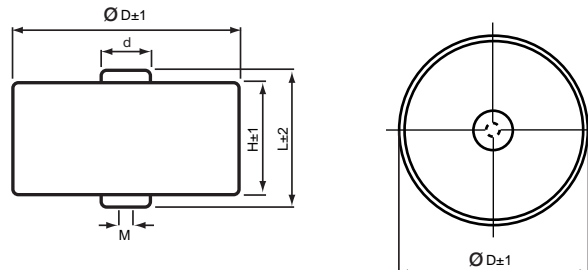


CT8G Series, Mold Type Capacitors

Specifications

Coated Capacitor with Screw terminals-- Type A

References - Voltage, Capacitance and Dimensions Range



Part Number	Rated Voltage U_n (KVDC)	Rated Capacitance C_n (PF)	Ceramic Dielectric	Dimensions (mm)				Ceramic Dielectric Code
				D±1	H±1	L±2	M	
AXCT8GD50332KYD1B	10	3300	Y5T	38	18	22	4	D5
AXCT8GE40402KYD1B	10	4000	N4700	60	20	24	5	E4
AXCT8GE40502KYD1B	10	5000	N4700	60	18	22	5	E4
AXCT8GD50852KYD1B	10	8500	Y5T	60	18	22	4	D5
AXCT8GE40103KYD1B	10	10000	N4700	80	17	21	5	E4
AXCT8GP30103KYD1B	10	10000	Y5P	80	22	26	5	P3
AXCT8GD50103KYD1B	10	10000	Y5T	60	16	20	4	D5
AXCT8GE40113KYD1B	10	11000	N4700	86	18	22	5	E4
AXCT8GE40123KYD1B	10	12000	N4700	86	18	22	5	E4
AXCT8GD50153KYD1B	10	15000	Y5T	80	20	24	5	D5
AXCT8GD50203KYD1B	10	20000	Y5T	86	20	24	5	D5
AXCT8GN10250KZD1B	15	25	NPO	24	16	20	4	N1
AXCT8GP10251KZD1B	15	250	Y5P	24	20	24	4	P1
AXCT8GC40471KZD1B	15	470	DL	40	16	20	4	C4
AXCT8GE40501KZD1B	15	500	N4700	30	16	20	4	E4
AXCT8GE40751KZD1B	15	750	N4700	30	16	20	4	E4
AXCT8GE40102KZD1B	15	1000	N4700	38	18	22	4	E4
AXCT8GE40112KZD1B	15	1100	N4700	30	14	18	4	E4
AXCT8GE40152KZD1B	15	1500	N4700	38	16	20	4	E4
AXCT8GE40192KZD1B	15	1900	N4700	38	14	18	4	E4
AXCT8GD30202KZD1B	15	2000	Y5T	38	18	22	4	D3

Notes

* Withstand voltage test: $U_n \leq 80kV$ 1.5 times U_n , $U_n > 80kV$ 1.2 times U_n , this is minimum figures, please consult us for details of each specification.

* Standard capacitance tolerance: $\pm 10\%$, others available on request.

* All specifications are designed for our current customers, other voltage, capacitance, dimensions available on request.

* Larger capacitance and higher voltage capacitor banks available on request.

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High Voltage Ceramic Capacitors

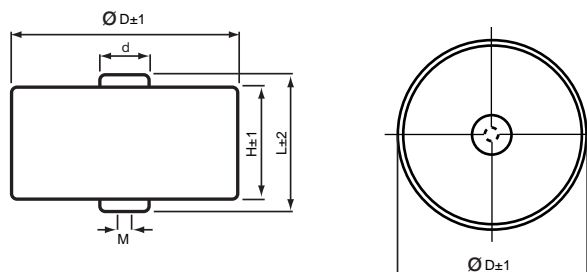


CT8G Series, Mold Type Capacitors

Specifications

Coated Capacitor with Screw terminals-- Type A

References - Voltage, Capacitance and Dimensions Range



Part Number	Rated Voltage U_n (KVDC)	Rated Capacitance C_n (PF)	Ceramic Dielectric	Dimensions (mm)				Ceramic Dielectric Code
				D±1	H±1	L±2	M	
AXCT8GC80302KZD1B	15	3000	DL	70	16	20	5	C8
AXCT8GE40342KZD1B	15	3400	N4700	52	14	18	4	E4
AXCT8GE40532KZD1B	15	5300	N4700	60	16	20	4	E4
AXCT8GD30532KZD1B	15	5300	Y5T	60	24	28	5	D3
AXCT8GS40532KZD1B	15	5300	Y5S	52	18	22	4	S4
AXCT8GD30602KZD1B	15	6000	Y5T	60	18	22	4	D3
AXCT8GD50682KZD1B	15	6800	Y5T	52	18	22	4	D5
AXCT8GE40702KZD1B	15	7000	N4700	80	20	24	5	E4
AXCT8GS40702KZD1B	15	7000	Y5S	60	20	24	5	S4
AXCT8GD50852KZD1B	15	8500	Y5T	70	24	28	5	D5
AXCT8GE40103KZD1B	15	10000	N4700	86	18	22	5	E4
AXCT8GD30103KZD1B	15	10000	Y5T	80	22	26	5	D3
AXCT8GD50103KZD1B	15	10000	Y5T	70	22	26	5	D5
AXCT8GD50133KZD1B	15	13000	Y5T	80	22	26	5	D5
AXCT8GD50153KZD1B	15	15000	Y5T	86	24	28	5	D5
AXCT8GD50173KZD1B	15	17000	Y5T	86	22	26	5	D5
AXCT8GG30250K2D1B	20	25	SL	20	20	24	4	G3
AXCT8GC80101K2D1B	20	100	DL	20	14	18	4	C8
AXCT8GC80151K2D1B	20	150	DL	30	20	24	4	C8
AXCT8GE40281K2D1B	20	280	N4700	20	16	20	4	E4
AXCT8GC40471K2D1B	20	470	DL	48	18	22	4	C4

Notes

* Withstand voltage test: $U_n \leq 80kV$ 1.5 times U_n , $U_n > 80kV$ 1.2 times U_n , this is minimum figures, please consult us for details of each specification.

* Standard capacitance tolerance: $\pm 10\%$, others available on request.

* All specifications are designed for our current customers, other voltage, capacitance, dimensions available on request.

* Larger capacitance and higher voltage capacitor banks available on request.

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High Voltage Ceramic Capacitors

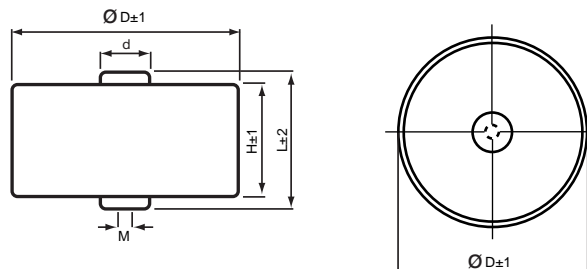


CT8G Series, Mold Type Capacitors

Specifications

Coated Capacitor with Screw terminals-- Type A

References - Voltage, Capacitance and Dimensions Range



Part Number	Rated Voltage U_n (KVDC)	Rated Capacitance C_n (PF)	Ceramic Dielectric	Dimensions (mm)				Ceramic Dielectric Code
				D±1	H±1	L±2	M	
AXCT8GE40501K2D1B	20	500	N4700	30	20	24	4	E4
AXCT8GE40561K2D1B	20	560	N4700	30	18	22	4	E4
AXCT8GE40881K2D1B	20	880	N4700	38	18	22	4	E4
AXCT8GE40102K2D1B	20	1000	N4700	38	22	26	4	E4
AXCT8GD30102K2D1B	20	1000	Y5T	30	23	27	4	D3
AXCT8GE40142K2D1B	20	1400	N4700	38	20	24	4	E4
AXCT8GE40152K2D1B	20	1500	N4700	40	20	24	4	E4
AXCT8GE40172K2D1B	20	1700	N4700	40	18	22	4	E4
AXCT8GD30252K2D1B	20	2500	Y5T	48	22	26	4	D3
AXCT8GD50272K2D1B	20	2700	Y5T	38	21	25	4	D5
AXCT8GC80302K2D1B	20	3000	DL	80	18	22	5	C8
AXCT8GD30332K2D1B	20	3300	Y5T	48	19	23	4	D3
AXCT8GE40362K2D1B	20	3600	N4700	60	19	23	4	E4
AXCT8GE40402K2D1B	20	4000	N4700	60	18	22	4	E4
AXCT8GD30402K2D1B	20	4000	Y5T	48	19	23	4	D3
AXCT8GD30482K2D1B	20	4800	Y5T	60	22	26	4	D3
AXCT8GD30502K2D1B	20	5000	Y5T	60	21	25	4	D3
AXCT8GS40522K2D1B	20	5200	Y5S	52	19	23	4	S4
AXCT8GE40532K2D1B	20	5300	N4700	70	18	22	4	E4
AXCT8GD50682K2D1B	20	6800	Y5T	60	22	26	4	D5
AXCT8GD50103K2D1B	20	10000	Y5T	70	24	28	5	D5

Notes

* Withstand voltage test: $U_n \leq 80kV$ 1.5 times U_n , $U_n > 80kV$ 1.2 times U_n , this is minimum figures, please consult us for details of each specification.

* Standard capacitance tolerance: $\pm 10\%$, others available on request.

* All specifications are designed for our current customers, other voltage, capacitance, dimensions available on request.

* Larger capacitance and higher voltage capacitor banks available on request.

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High Voltage Ceramic Capacitors

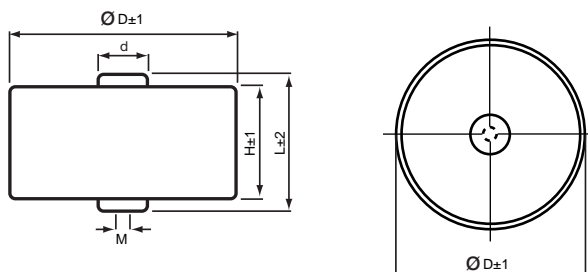


CT8G Series, Mold Type Capacitors

Specifications

Coated Capacitor with Screw terminals-- Type A

References - Voltage, Capacitance and Dimensions Range



Part Number	Rated Voltage U_n (KVDC)	Rated Capacitance C_n (PF)	Ceramic Dielectric	Dimensions (mm)				Ceramic Dielectric Code
				D±1	H±1	L±2	M	
AXCT8GD50153K2D1B	20	15000	Y5T	86	24	28	5	D5
AXCT8GN10100K3D1B	30	10	NPO	24	20	24	4	N1
AXCT8GG30100K3D1B	30	10	SL	20	33	37	4	G3
AXCT8GG30200K3D1B	30	20	SL	24	30	34	4	G3
AXCT8GG30250K3D1B	30	25	SL	24	26	30	4	G3
AXCT8GC40500K3D1B	30	50	DL	30	26	30	4	C4
AXCT8GC80101K3D1B	30	100	DL	30	26	30	4	C8
AXCT8GD30131K3D1B	30	130	Y5T	20	30	34	4	D3
AXCT8GC80151K3D1B	30	150	DL	30	26	30	5	C8
AXCT8GP10151K3D1B	30	150	Y5P	24	24	28	4	P1
AXCT8GE40191K3D1B	30	190	N4700	24	24	28	4	E4
AXCT8GE40201K3D1B	30	200	N4700	24	26	30	4	E4
AXCT8GC80331K3D1B	30	330	DL	38	24	28	4	C8
AXCT8GD30461K3D1B	30	460	Y5T	30	26	30	4	D3
AXCT8GE40471K3D1B	30	470	N4700	30	26	30	4	E4
AXCT8GE40501K3D1B	30	500	N4700	38	24	28	4	E4
AXCT8GD30501K3D1B	30	500	Y5T	30	28	32	4	D3
AXCT8GD30561K3D1B	30	560	Y5T	30	24	28	4	D3
AXCT8GE40591K3D1B	30	590	N4700	30	24	28	4	E4
AXCT8GS40591K3D1B	30	590	Y5S	30	26	30	4	S4
AXCT8GE40701K3D1B	30	700	N4700	38	22	26	4	E4

Notes

* Withstand voltage test: $U_n \leq 80kV$ 1.5 times U_n , $U_n > 80kV$ 1.2 times U_n , this is minimum figures, please consult us for details of each specification.

* Standard capacitance tolerance: $\pm 10\%$, others available on request.

* All specifications are designed for our current customers, other voltage, capacitance, dimensions available on request.

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High Voltage Ceramic Capacitors

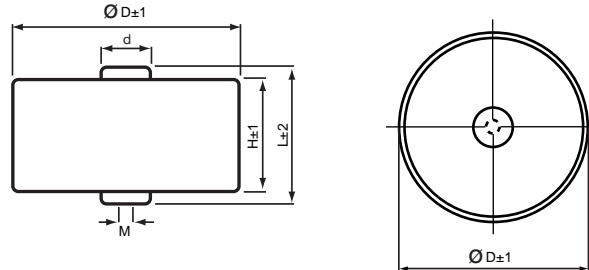


CT8G Series, Mold Type Capacitors

Specifications

Coated Capacitor with Screw terminals-- Type A

References - Voltage, Capacitance and Dimensions Range



Part Number	Rated Voltage U_n (KVDC)	Rated Capacitance C_n (PF)	Ceramic Dielectric	Dimensions (mm)				Ceramic Dielectric Code
				D±1	H±1	L±2	M	
AXCT8GE40901K3D1B	30	900	N4700	38	24	28	4	E4
AXCT8GE40941K3D1B	30	940	N4700	40	24	28	4	E4
AXCT8GD30941K3D1B	30	940	Y5T	34	26	30	4	D3
AXCT8GE40102K3D1B	30	1000	N4700	48	26	30	4	E4
AXCT8GD30102K3D1B	30	1000	Y5T	38	22	26	4	D3
AXCT8GE40112K3D1B	30	1100	N4700	48	24	28	4	E4
AXCT8GE40122K3D1B	30	1200	N4700	48	24	28	4	E4
AXCT8GD30122K3D1B	30	1200	Y5T	38	26	30	4	D3
AXCT8GE40152K3D1B	30	1500	N4700	52	26	30	4	E4
AXCT8GB30152K3D1B	30	1500	BN	40	26	30	4	B3
AXCT8GE40172K3D1B	30	1700	N4700	52	24	28	4	E4
AXCT8GD30172K3D1B	30	1700	Y5T	48	26	30	4	D3
AXCT8GD30182K3D1B	30	1800	Y5T	48	24	28	4	D3
AXCT8GE40202K3D1B	30	2000	N4700	60	28	32	4	E4
AXCT8GE40222K3D1B	30	2200	N4700	60	26	30	4	E4
AXCT8GD30222K3D1B	30	2200	Y5T	48	24	28	4	D3
AXCT8GE40252K3D1B	30	2500	N4700	60	24	28	4	E4
AXCT8GD30252K3D1B	30	2500	Y5T	52	26	30	4	D3
AXCT8GE40272K3D1B	30	2700	N4700	60	24	28	4	E4
AXCT8GD30272K3D1B	30	2700	Y5T	52	24	28	4	D3
AXCT8GE40302K3D1B	30	3000	N4700	70	28	32	5	E4

Notes

* Withstand voltage test: $U_n \leq 80kV$ 1.5 times U_n , $U_n > 80kV$ 1.2 times U_n , this is minimum figures, please consult us for details of each specification.

* Standard capacitance tolerance: $\pm 10\%$, others available on request.

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High Voltage Ceramic Capacitors

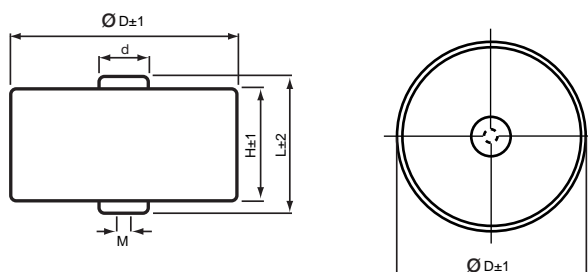


CT8G Series, Mold Type Capacitors

Specifications

Coated Capacitor with Screw terminals-- Type A

References - Voltage, Capacitance and Dimensions Range



Part Number	Rated Voltage U_n (KVDC)	Rated Capacitance C_n (PF)	Ceramic Dielectric	Dimensions (mm)				Ceramic Dielectric Code
				D±1	H±1	L±2	M	
AXCT8GD50302K3D1B	30	3000	Y5T	48	25	29	4	D5
AXCT8GE40332K3D1B	30	3300	N4700	70	26	30	5	E4
AXCT8GE40352K3D1B	30	3500	N4700	70	26	30	5	E4
AXCT8GS40352K3D1B	30	3500	Y5S	60	26	30	5	S4
AXCT8GE40362K3D1B	30	3600	N4700	70	28	32	5	E4
AXCT8GD30362K3D1B	30	3600	Y5T	60	28	32	4	D3
AXCT8GE40452K3D1B	30	4500	N4700	80	24	28	5	E4
AXCT8GD30472K3D1B	30	4700	Y5T	70	28	32	5	D3
AXCT8GD30532K3D1B	30	5300	Y5T	70	28	32	5	D3
AXCT8GD50103K3D1B	30	10000	Y5T	80	26	30	5	D5
AXCT8GN10500K4D1B	40	50	NPO	38	26	30	4	N1
AXCT8GC40500K4D1B	40	50	DL	30	26	30	4	C4
AXCT8GC80101K4D1B	40	100	DL	30	26	30	4	C8
AXCT8GD30111K4D1B	40	110	Y5T	20	34	38	4	D3
AXCT8GE40141K4D1B	40	140	N4700	24	29	33	4	E4
AXCT8GD30141K4D1B	40	140	Y5T	20	29	33	4	D3
AXCT8GC40151K4D1B	40	150	DL	38	22	26	4	C4
AXCT8GP10151K4D1B	40	150	Y5P	24	28	32	4	P1
AXCT8GC81750K4D1B	40	175	DL	38	28	32	4	C8
AXCT8GE40191K4D1B	40	190	N4700	30	28	32	4	E4
AXCT8GE40201K4D1B	40	200	N4700	30	28	32	4	E4

Notes

* Withstand voltage test: $U_n \leq 80kV$ 1.5 times U_n , $U_n > 80kV$ 1.2 times U_n , this is minimum figures, please consult us for details of each specification.

* Standard capacitance tolerance: $\pm 10\%$, others available on request.

* All specifications are designed for our current customers, other voltage, capacitance, dimensions available on request.

* Larger capacitance and higher voltage capacitor banks available on request.

For technical questions, please contact: sales@anxoncap.com

High Voltage Ceramic Capacitors

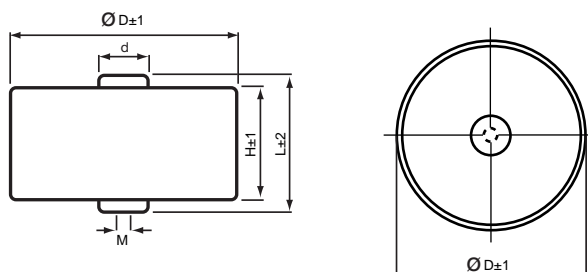


CT8G Series, Mold Type Capacitors

Specifications

Coated Capacitor with Screw terminals-- Type A

References - Voltage, Capacitance and Dimensions Range



Part Number	Rated Voltage U_n (KVDC)	Rated Capacitance C_n (PF)	Ceramic Dielectric	Dimensions (mm)				Ceramic Dielectric Code
				D±1	H±1	L±2	M	
AXCT8GB30251K4D1B	40	250	BN	24	29	33	4	B3
AXCT8GP30251K4D1B	40	250	Y5P	24	29	33	4	P3
AXCT8GD30271K4D1B	40	270	Y5T	30	36	40	5	D3
AXCT8GE40301K4D1B	40	300	N4700	30	28	32	4	E4
AXCT8GE40391K4D1B	40	390	N4700	34	29	33	4	E4
AXCT8GE40401K4D1B	40	400	N4700	34	29	33	4	E4
AXCT8GE40441K4D1B	40	440	N4700	38	29	33	4	E4
AXCT8GE40461K4D1B	40	460	N4700	38	29	33	4	E4
AXCT8GE40501K4D1B	40	500	N4700	38	29	33	4	E4
AXCT8GE40701K4D1B	40	700	N4700	40	30	34	5	E4
AXCT8GS40851K4D1B	40	850	Y5S	38	31	35	4	S4
AXCT8GE40941K4D1B	40	940	N4700	42	28	32	4	E4
AXCT8GE40102K4D1B	40	1000	N4700	48	28	32	4	E4
AXCT8GE40112K4D1B	40	1100	N4700	48	28	32	4	E4
AXCT8GE40122K4D1B	40	1200	N4700	48	28	32	4	E4
AXCT8GE40132K4D1B	40	1300	N4700	48	29	33	4	E4
AXCT8GE40142K4D1B	40	1400	N4700	52	28	32	4	E4
AXCT8GD30142K4D1B	40	1400	Y5T	48	28	32	4	D3
AXCT8GC80152K4D1B	40	1500	DL	80	28	32	5	C8
AXCT8GS40152K4D1B	40	1500	Y5S	48	28	32	5	S4
AXCT8GE40162K4D1B	40	1600	N4700	52	28	32	5	E4

Notes

* Withstand voltage test: $U_n \leq 80kV$ 1.5 times U_n , $U_n > 80kV$ 1.2 times U_n , this is minimum figures, please consult us for details of each specification.

* Standard capacitance tolerance: $\pm 10\%$, others available on request.

* All specifications are designed for our current customers, other voltage, capacitance, dimensions available on request.

* Larger capacitance and higher voltage capacitor banks available on request.

For technical questions, please contact: sales@anxoncap.com

High Voltage Ceramic Capacitors

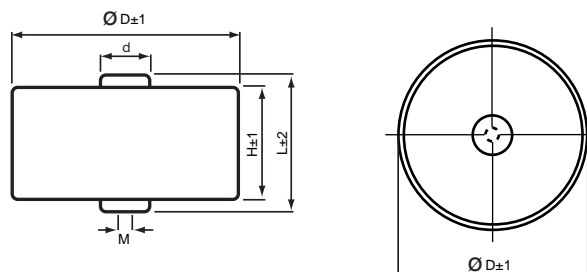


CT8G Series, Mold Type Capacitors

Specifications

Coated Capacitor with Screw terminals-- Type A

References - Voltage, Capacitance and Dimensions Range



Part Number	Rated Voltage U_n (KVDC)	Rated Capacitance C_n (PF)	Ceramic Dielectric	Dimensions (mm)				Ceramic Dielectric Code
				D±1	H±1	L±2	M	
AXCT8GS40162K4D1B	40	1600	Y5S	48	30	34	4	S4
AXCT8GD30192K4D1B	40	1900	Y5T	48	29	33	5	D3
AXCT8GE40202K4D1B	40	2000	N4700	60	28	32	5	E4
AXCT8GD50202K4D1B	40	2000	Y5T	48	28	32	4	D5
AXCT8GE40222K4D1B	40	2200	N4700	60	28	32	5	E4
AXCT8GE40252K4D1B	40	2500	N4700	70	31	35	5	E4
AXCT8GS40262K4D1B	40	2600	Y5S	52	31	35	5	S4
AXCT8GE40272K4D1B	40	2700	N4700	70	30	34	5	E4
AXCT8GD30272K4D1B	40	2700	Y5T	60	33	37	5	D3
AXCT8GE40302K4D1B	40	3000	N4700	70	28	32	5	E4
AXCT8GD30302K4D1B	40	3000	Y5T	60	31	35	5	D3
AXCT8GE40332K4D1B	40	3300	N4700	70	28	32	5	E4
AXCT8GD50332K4D1B	40	3300	Y5T	52	28	32	5	D5
AXCT8GE40362K4D1B	40	3600	N4700	70	28	32	5	E4
AXCT8GE40402K4D1B	40	4000	N4700	80	28	32	5	E4
AXCT8GD30402K4D1B	40	4000	Y5T	70	31	35	5	D3
AXCT8GD50402K4D1B	40	4000	Y5T	60	33	37	5	D5
AXCT8GD50452K4D1B	40	4500	Y5T	60	30	34	5	D5
AXCT8GE40502K4D1B	40	5000	N4700	86	28	32	5	E4
AXCT8GD30502K4D1B	40	5000	Y5T	80	31	35	5	D3
AXCT8GD50502K4D1B	40	5000	Y5T	60	28	32	5	D5

Notes

* Withstand voltage test: $U_n \leq 80kV$ 1.5 times U_n , $U_n > 80kV$ 1.2 times U_n , this is minimum figures, please consult us for details of each specification.

* Standard capacitance tolerance: $\pm 10\%$, others available on request.

* All specifications are designed for our current customers, other voltage, capacitance, dimensions available on request.

* Larger capacitance and higher voltage capacitor banks available on request.

For technical questions, please contact: sales@anxoncap.com

High Voltage Ceramic Capacitors

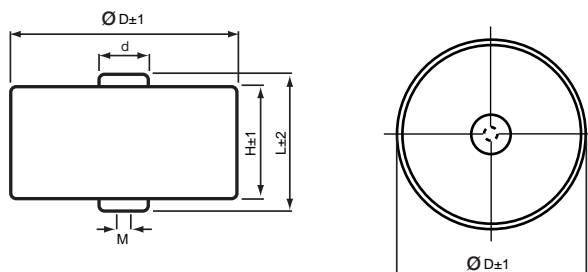


CT8G Series, Mold Type Capacitors

Specifications

Coated Capacitor with Screw terminals-- Type A

References - Voltage, Capacitance and Dimensions Range



Part Number	Rated Voltage U_n (KVDC)	Rated Capacitance C_n (PF)	Ceramic Dielectric	Dimensions (mm)				Ceramic Dielectric Code
				D±1	H±1	L±2	M	
AXCT8GD30562K4D1B	40	5600	Y5T	80	28	32	5	D3
AXCT8GD50562K4D1B	40	5600	Y5T	70	32	36	5	D5
AXCT8GD50752K4D1B	40	7500	Y5T	80	29	33	5	D5
AXCT8GD50103K4D1B	40	10000	Y5T	86	31	35	5	D5
AXCT8GC40120K5D1B	50	12	DL	20	38	42	4	C4
AXCT8GN10180K5D1B	50	18	NPO	38	34	38	4	N1
AXCT8GN10200K5D1B	50	20	NPO	38	32	36	4	N1
AXCT8GC40200K5D1B	50	20	DL	20	36	40	4	C4
AXCT8GC40250K5D1B	50	25	DL	24	36	40	4	C4
AXCT8GD20900K5D1B	50	90	Y5T	20	36	40	4	D2
AXCT8GE40101K5D1B	50	100	N4700	20	31	35	4	E4
AXCT8GE40201K5D1B	50	200	N4700	30	31	35	4	E4
AXCT8GC60301K5D1B	50	300	DL	48	26	30	4	C6
AXCT8GE40301K5D1B	50	300	N4700	38	36	40	4	E4
AXCT8GC60331K5D1B	50	330	DL	48	26	30	4	C6
AXCT8GE40391K5D1B	50	390	N4700	38	31	35	4	E4
AXCT8GE40401K5D1B	50	400	N4700	38	34	38	4	E4
AXCT8GD30401K5D1B	50	400	Y5T	30	33	37	4	D3
AXCT8GE40441K5D1B	50	440	N4700	38	31	35	4	E4
AXCT8GE40501K5D1B	50	500	N4700	40	36	40	4	E4
AXCT8GE40561K5D1B	50	560	N4700	40	33	37	44	E4

Notes

* Withstand voltage test: $U_n \leq 80kV$ 1.5 times U_n , $U_n > 80kV$ 1.2 times U_n , this is minimum figures, please consult us for details of each specification.

* Standard capacitance tolerance: $\pm 10\%$, others available on request.

* All specifications are designed for our current customers, other voltage, capacitance, dimensions available on request.

* Larger capacitance and higher voltage capacitor banks available on request.

For technical questions, please contact: sales@anxoncap.com

High Voltage Ceramic Capacitors

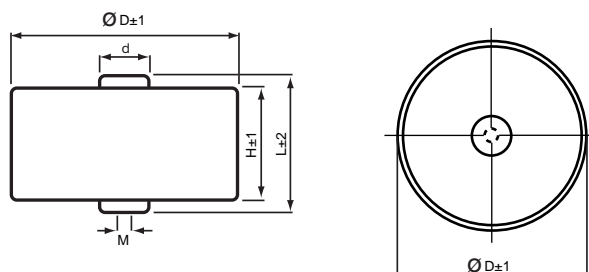


CT8G Series, Mold Type Capacitors

Specifications

Coated Capacitor with Screw terminals-- Type A

References - Voltage, Capacitance and Dimensions Range



Part Number	Rated Voltage U_n (KVDC)	Rated Capacitance C_n (PF)	Ceramic Dielectric	Dimensions (mm)				Ceramic Dielectric Code
				$D \pm 1$	$H \pm 1$	$L \pm 2$	M	
AXCT8GC60601K5D1B	50	600	DL	60	34	38	5	C6
AXCT8GS40701K5D1B	50	700	Y5S	38	36	40	4	S4
AXCT8GE40911K5D1B	50	910	N4700	48	34	38	4	E4
AXCT8GE40102K5D1B	50	1000	N4700	52	37	41	5	E4
AXCT8GD30102K5D1B	50	1000	Y5T	40	36	40	4	D3
AXCT8GE40112K5D1B	50	1100	N4700	52	34	38	4	E4
AXCT8GD30112K5D1B	50	1100	Y5T	48	34	38	4	D3
AXCT8GS40152K5D1B	50	1500	Y5S	48	38	42	4	S4
AXCT8GD50152K5D1B	50	1500	Y5T	48	36	40	4	D5
AXCT8GD31651K5D1B	50	1650	Y5T	58	36	40	5	D3
AXCT8GE40172K5D1B	50	1700	N4700	60	33	37	5	E4
AXCT8GE40182K5D1B	50	1800	N4700	70	40	44	5	E4
AXCT8GE40202K5D1B	50	2000	N4700	70	36	40	5	E4
AXCT8GD50202K5D1B	50	2000	Y5T	48	34	38	4	D5
AXCT8GE40212K5D1B	50	2100	N4700	70	36	40	5	E4
AXCT8GS40212K5D1B	50	2100	Y5S	52	36	40	5	S4
AXCT8GD30222K5D1B	50	2200	Y5T	60	39	43	5	D3
AXCT8GE40252K5D1B	50	2500	N4700	80	36	40	5	E4
AXCT8GD50252K5D1B	50	2500	Y5T	52	34	38	5	D5
AXCT8GE40302K5D1B	50	3000	N4700	80	33	37	5	E4
AXCT8GD30302K5D1B	50	3000	Y5T	60	31	35	5	D3

Notes

* Withstand voltage test: $U_n \leq 80kV$ 1.5 times U_n , $U_n > 80kV$ 1.2 times U_n , this is minimum figures, please consult us for details of each specification.

* Standard capacitance tolerance: $\pm 10\%$, others available on request.

* All specifications are designed for our current customers, other voltage, capacitance, dimensions available on request.

* Larger capacitance and higher voltage capacitor banks available on request.

For technical questions, please contact: sales@anxoncap.com

High Voltage Ceramic Capacitors

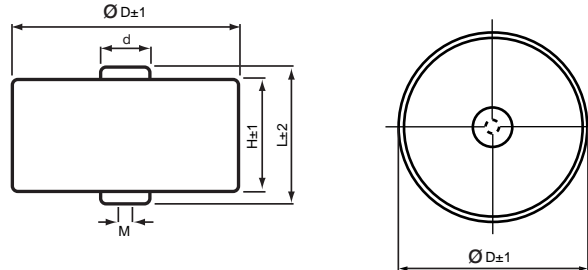


CT8G Series, Mold Type Capacitors

Specifications

Coated Capacitor with Screw terminals-- Type A

References - Voltage, Capacitance and Dimensions Range



Part Number	Rated Voltage U_n (KVDC)	Rated Capacitance C_n (PF)	Ceramic Dielectric	Dimensions (mm)				Ceramic Dielectric Code
				D±1	H±1	L±2	M	
AXCT8GP30302K5D1B	50	3000	Y5P	60	33	37	5	P3
AXCT8GE40332K5D1B	50	3300	N4700	86	36	40	5	E4
AXCT8GE40402K5D1B	50	4000	N4700	86	32	36	5	E4
AXCT8GD30402K5D1B	50	4000	Y5T	80	35	39	5	D3
AXCT8GD50402K5D1B	50	4000	Y5T	60	33	37	5	D5
AXCT8GD50502K5D1B	50	5000	Y5T	70	36	40	5	D5
AXCT8GD50562K5D1B	50	5600	Y5T	80	36	40	5	D5
AXCT8GD50652K5D1B	50	6500	Y5T	80	36	40	5	D5
AXCT8GD50752K5D1B	50	7500	Y5T	86	36	40	5	D5
AXCT8GD50802K5D1B	50	8000	Y5T	86	36	40	5	D5
AXCT8GD50103K5D1B	50	10000	Y5T	86	31	35	5	D5
AXCT8GN10180K6D1B	60	18	NPO	40	50	54	4	N1
AXCT8GC80101K6D1B	60	100	DL	30	35	39	5	C8
AXCT8GC80231K6D1B	60	230	DL	40	35	39	5	C8
AXCT8GE40501K6D1B	60	500	N4700	48	41	45	5	E4
AXCT8GD30501K6D1B	60	500	Y5T	38	41	45	5	D3
AXCT8GE40122K6D1B	60	1200	N4700	60	41	45	5	E4
AXCT8GE40172K6D1B	60	1700	N4700	70	41	45	5	E4
AXCT8GE40202K6D1B	60	2000	N4700	80	41	45	5	E4
AXCT8GD30202K6D1B	60	2000	Y5T	60	41	45	5	D3
AXCT8GD50332K6D1B	60	3300	Y5T	60	38	42	5	D5

Notes

* Withstand voltage test: $U_n \leq 80kV$ 1.5 times U_n , $U_n > 80kV$ 1.2 times U_n , this is minimum figures, please consult us for details of each specification.

* Standard capacitance tolerance: $\pm 10\%$, others available on request.

* All specifications are designed for our current customers, other voltage, capacitance, dimensions available on request.

* Larger capacitance and higher voltage capacitor banks available on request.

For technical questions, please contact: sales@anxoncap.com

High Voltage Ceramic Capacitors

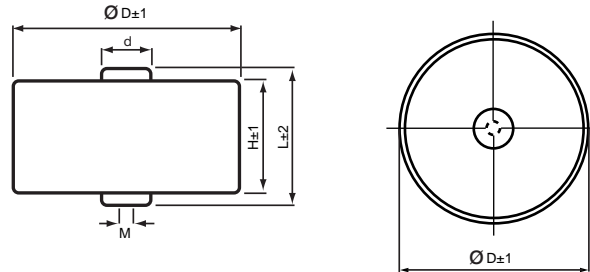


CT8G Series, Mold Type Capacitors

Specifications

Coated Capacitor with Screw terminals-- Type A

References - Voltage, Capacitance and Dimensions Range



Part Number	Rated Voltage U_n (KVDC)	Rated Capacitance C_n (PF)	Ceramic Dielectric	Dimensions (mm)				Ceramic Dielectric Code
				D±1	H±1	L±2	M	
AXCT8GD50362K6D1B	60	3600	Y5T	70	44	48	5	D5
AXCT8GD50402K6D1B	60	4000	Y5T	70	41	45	5	D5
AXCT8GS40422K6D1B	60	4200	Y5S	80	41	45	5	S4
AXCT8GE40501K7D1B	70	500	N4700	48	45	49	5	E4
AXCT8GN10180K8D1B	80	18	NPO	40	50	54	4	N1
AXCT8GD50171K8D1B	80	170	Y5T	24	48	52	4	D5
AXCT8GE40501K8D1B	80	500	N4700	48	45	49	5	E4
AXCT8GE40102K8D1B	80	1000	N4700	60	51	55	4	E4
AXCT8GD30102K8D1B	80	1000	Y5T	55	54	58	5	D3
AXCT8GD31251K8D1B	80	1250	Y5T	55	46	50	5	D3
AXCT8GE41361K8D1B	80	1360	N4700	70	51	55	5	E4
AXCT8GE40202K8D1B	80	2000	N4700	80	46	50	5	E4
AXCT8GE40212K8D1B	80	2100	N4700	80	44	48	5	E4
AXCT8GD30252K8D1B	80	2500	Y5T	70	45	49	5	D3
AXCT8GE40262K8D1B	80	2600	N4700	86	45	49	5	E4
AXCT8GD50362K8D1B	80	3600	Y5T	80	51	55	5	D5
AXCT8GD50502K8D1B	80	5000	Y5T	80	51	55	8	D5
AXCT8GE40101KAD1B	100	100	N4700	30	54	58	5	E4
AXCT8GD30101KAD1B	100	100	Y5T	24	56	60	4	D3
AXCT8GE41150KAD1B	100	115	N4700	30	56	60	5	E4
AXCT8GD50151KAD1B	100	150	Y5T	30	61	65	4	D5

Notes

- * Withstand voltage test: $U_n \leq 80kV$ 1.5 times U_n , $U_n > 80kV$ 1.2 times U_n , this is minimum figures, please consult us for details of each specification.
- * Standard capacitance tolerance: $\pm 10\%$, others available on request.
- * All specifications are designed for our current customers, other voltage, capacitance, dimensions available on request.
- * Larger capacitance and higher voltage capacitor banks available on request.

For technical questions, please contact: sales@anxoncap.com

High Voltage Ceramic Capacitors

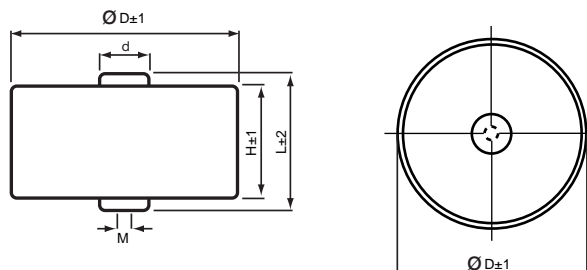


CT8G Series, Mold Type Capacitors

Specifications

Coated Capacitor with Screw terminals-- Type A

References - Voltage, Capacitance and Dimensions Range



Part Number	Rated Voltage U_n (KVDC)	Rated Capacitance C_n (PF)	Ceramic Dielectric	Dimensions (mm)				Ceramic Dielectric Code
				D±1	H±1	L±2	M	
AXCT8GE40181KAD1B	100	180	N4700	34	56	60	5	E4
AXCT8GE40211KAD1B	100	210	N4700	38	56	60	5	E4
AXCT8GE40331KAD1B	100	330	N4700	48	56	60	5	E4
AXCT8GE40461KAD1B	100	460	N4700	52	58	62	5	E4
AXCT8GE40501KAD1B	100	500	N4700	52	54	58	5	E4
AXCT8GD30501KAD1B	100	500	Y5T	55	54	58	5	D3
AXCT8GD36750KAD1B	100	675	Y5T	52	50	54	5	D3
AXCT8GE40681KAD1B	100	680	N4700	55	54	58	5	E4
AXCT8GC60751KAD1B	100	750	DL	86	56	60	8	C6
AXCT8GE48250KAD1B	100	825	N4700	60	58	62	5	E4
AXCT8GE40102KAD1B	100	1000	N4700	65	56	60	5	E4
AXCT8GD30102KAD1B	100	1000	Y5T	55	54	58	5	D3
AXCT8GE40152KAD1B	100	1500	N4700	80	61	65	8	E4
AXCT8GD30162KAD1B	100	1600	Y5T	60	54	58	5	D3
AXCT8GE40202KAD1B	100	2000	N4700	86	60	64	8	E4
AXCT8GD30202KAD1B	100	2000	Y5T	70	54	58	5	D3
AXCT8GS40202KAD1B	100	2000	Y5S	60	48	52	5	S4
AXCT8GE40222KAD1B	100	2200	N4700	86	60	64	8	E4
AXCT8GD30222KAD1B	100	2200	Y5T	80	60	64	8	D3
AXCT8GD30302KAD1B	100	3000	Y5T	80	52	56	8	D3
AXCT8GS40302KAD1B	100	3000	Y5S	80	64	68	8	S4

Notes

* Withstand voltage test: $U_n \leq 80kV$ 1.5 times U_n , $U_n > 80kV$ 1.2 times U_n , this is minimum figures, please consult us for details of each specification.

* Standard capacitance tolerance: $\pm 10\%$, others available on request.

* All specifications are designed for our current customers, other voltage, capacitance, dimensions available on request.

* Larger capacitance and higher voltage capacitor banks available on request.

For technical questions, please contact: sales@anxoncap.com

High Voltage Ceramic Capacitors

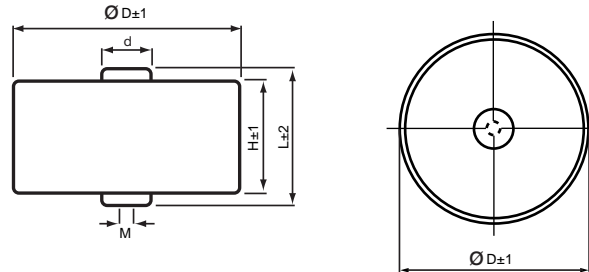


CT8G Series, Mold Type Capacitors

Specifications

Coated Capacitor with Screw terminals-- Type A

References - Voltage, Capacitance and Dimensions Range



Part Number	Rated Voltage U_n (KVDC)	Rated Capacitance C_n (PF)	Ceramic Dielectric	Dimensions (mm)				Ceramic Dielectric Code
				D±1	H±1	L±2	M	
AXCT8GD30332KAD1B	100	3300	Y5T	80	51	55	8	D3
AXCT8GD30352KAD1B	100	3500	Y5T	86	56	60	8	D3
AXCT8GD50402KAD1B	100	4000	Y5T	80	56	60	8	D5
AXCT8GD50502KAD1B	100	5000	Y5T	86	56	60	8	D5
AXCT8GD30101KBD1B	120	100	Y5T	30	64	68	4	D3
AXCT8GE40102KBD1B	120	1000	N4700	70	69	73	8	E4
AXCT8GE40122KBD1B	120	1200	N4700	80	69	73	8	E4
AXCT8GD50332KBD1B	120	3300	Y5T	86	76	80	8	D5
AXCT8GE40801KCD1B	150	800	N4700	70	82	86	8	E4
AXCT8GE40102KCD1B	150	1000	N4700	80	84	88	8	E4

Notes

- * Withstand voltage test: $U_n \leq 80kV$ 1.5 times U_n , $U_n > 80kV$ 1.2 times U_n , this is minimum figures, please consult us for details of each specification.
- * Standard capacitance tolerance: $\pm 10\%$, others available on request.
- * All specifications are designed for our current customers, other voltage, capacitance, dimensions available on request.
- * Larger capacitance and higher voltage capacitor banks available on request.

Custom Products are available on request

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Website: <http://www.anxoncap.com>

HIGH VOLTAGE CERAMIC CAPACITOR



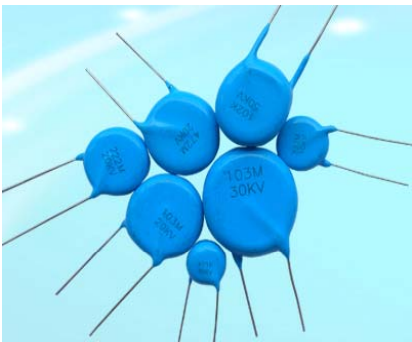
CT81 Series, Leaded Disc Capacitors

FEATURES

- Low losses
- High capacitance in small sizes
- High stability
- Radial leads
- Ceramic singlelayer capacitor

APPLICATIONS

- High voltage power supplies
- TV and monitors
- DC and pulse high voltage
- X-ray equipment



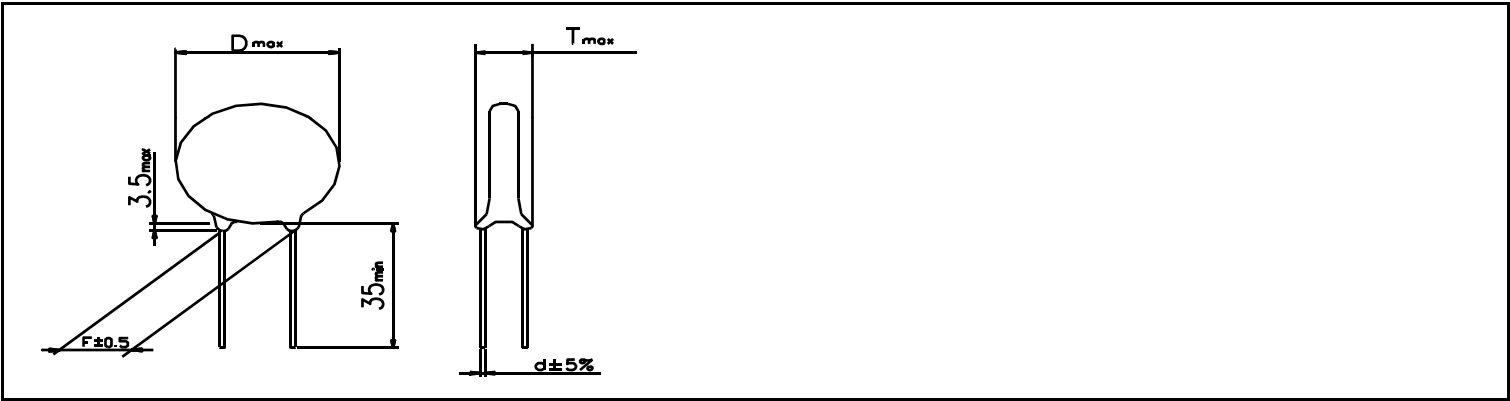
CERAMIC DIELECTRIC PROPERTIES

NO.	Ceramic Dielectric	Operating Temperature Range(°C)	Insulation Resistance (≥MΩ)	Dissipation Factor ≤	Temperature characteristics
1	SL	-25~+85	1000000	6×10^{-4}	+/-650PPM/°C
2	N4700(DL)	-25~+85	100000	0.2%	+22% -33%
3	Y5T(D)	-25~+85	100000	0.5%	+22% -33%
4	Y5U(E)	-25~+85	10000	2%	+22% -56%
5	Y5V(F)	-25~+85	10000	2%	+22% -80%

QUICK REFERENCE DATA

DESCRIPTION	VALUE			
Ceramic Class	1		2	
Ceramic Dielectric	SL	N4700	Y5T	Y5U, Y5V
Min. Capacitance (pF)	10	100	47	2200
Max. Capacitance (pF)	560	2200	3300	10000
Voltage (VDC)	2KV~50KV		6KV~50KV	
Mounting	Radial Lead			

DIMENSIONS



Custom Products are available on request

HIGH VOLTAGE CERAMIC CAPACITOR



CT81 Series, Leaded Disc Capacitors

RADIAL LEAD PARTS WITH EPOXY RESIN

REFERENCES – VOLTAGE, CAPACITANCE AND DIMENSIONS RANGE

Part Number	Rated Voltage (kVdc)	Capacitance		Dimensions (mm)		
		C (pF)	Tol (%)	D (max)	T (max)	F (max)
AXCT81D10KV101K	10	100	±10	5.3	4.5	6.5
AXCT81D10KV221K		220		7.5	5.1	7.5
AXCT81D10KV331K		330		7.8	5.9	7.5
AXCT81D10KV471K		470		8.8	5.8	10.0
AXCT81D10KV681K		680		10.0	6.0	10.0
AXCT81D10KV102K		1000		15.9	6.9	10.0
AXCT81D10KV222K		2200		16.6	6.3	10.0
AXCT81D10KV332K		3300		20.0	6.4	12.0
AXCT81E10KV472M		4700	±20	19.2	7.0	12.0
AXCT81F10KV682M		6800		16.5	7.5	12.0
AXCT81F10KV103M		10000		17.4	6.0	12.0
AXCT81D15KV101K	15	100	±10	6.7	6.8	7.5
AXCT81D15KV221K		220		6.5	6.5	7.5
AXCT81D15KV331K		330		7.5	6.5	7.5
AXCT81D15KV471K		470		8.9	6.0	10.0
AXCT81D15KV681K		680		11.0	6.6	10.0
AXCT81D15KV102K		1000		18.9	6.7	12.0
AXCT81D15KV222K		2200		18.3	7.3	12.0
AXCT81E15KV332M		3300	±20	18.5	8.2	12.0
AXCT81E15KV472M		4700		20.0	7.0	12.0
AXCT81F15KV682M		6800		17.7	7.6	12.0
AXCT81F15KV103M		10000		21.5	7.5	12.0
AXCT81D20KV101K	20	100	±10	6.7	6.8	7.5
AXCT81D20KV221K		220		6.9	7.0	7.5
AXCT81D20KV331K		330		8.4	7.0	7.5
AXCT81D20KV471K		470		10.1	7.4	10.0
AXCT81D20KV681K		680		12.2	8.2	10.0
AXCT81D20KV102K		1000		19.4	7.9	12.0
AXCT81D20KV222K		2200		20.5	8.4	12.0
AXCT81E20KV332M		3300	±20	20.2	8.2	12.0
AXCT81E20KV472M		4700		22.5	8.4	12.0
AXCT81F20KV682M		6800		20.0	8.7	12.0
AXCT81F20KV103M		10000		23.4	8.4	12.0

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HIGH VOLTAGE CERAMIC CAPACITOR



CT81 Series, Leaded Disc Capacitors

RADIAL LEAD PARTS WITH EPOXY RESIN

REFERENCES – VOLTAGE, CAPACITANCE AND DIMENSIONS RANGE

Part Number	Rated Voltage (kVdc)	Capacitance		Dimensions (mm)		
		C (pF)	Tol (%)	D (max)	T (max)	F (max)
AXCT81D30KV101K	30	100	±10	7.5	8.6	10.0
AXCT81D30KV151K		150		9.3	11.0	15.0
AXCT81D30KV221K		220		10.6	10.5	15.0
AXCT81D30KV331K		330		10.6	10.0	10.0
AXCT81D30KV471K		470		11.2	9.7	12.0
AXCT81D30KV501K		500		12.0	9.0	15.0
AXCT81DL30KV501K		500		13.0	11.0	27.0
AXCT81D30KV681K		680		13.2	9.7	12.0
AXCT81D30KV102K		1000		16.7	9.9	12.0
AXCT81D30KV222M		2200	±20	26.0	12.7	18.0
AXCT81U30KV332M		3300		22.1	12.2	13.0
AXCT81F30KV472M		4700		21.2	12.5	15.0
AXCT81F30KV103M		10000		31.0	14.5	16.0
AXCT81D40KV101K	40	100	±10	7.5	11.2	10.0
AXCT81D40KV251K		250		9.7	11.5	12.0
AXCT81D40KV501K		500		14.4	13.5	15.0
AXCT81D40KV102K		1000		18.3	12.2	14.0
AXCT81D40KV222K		2200		33.0	17.0	18.0
AXCT81E40KV332M		3300	±20	33.0	19.0	18.0
AXCT81E40KV472M		4700		40.0	20.0	18.0
AXCT81SL50KV22PF	50	22	±10	15.0	16.5	15.0
AXCT81D50KV251K		250		10.7	13.3	16.0
AXCT81D50KV501K		500		15.4	15.1	16.0
AXCT81D50KV551K		550		37.5	21.0	16.0
AXCT81D50KV561K		560		16.0	15.0	16.0
AXCT81DL50KV701K		700		25.0	15.0	16.0
AXCT81DL50KV751K		750		28.0	18.0	16.0
AXCT81D50KV102K		1000		22.0	17.1	16.0
AXCT81E50KV222K		2200		25.2	17.9	20.0

* More ceramic dielectric parts available on request

* Other capacitance available on request

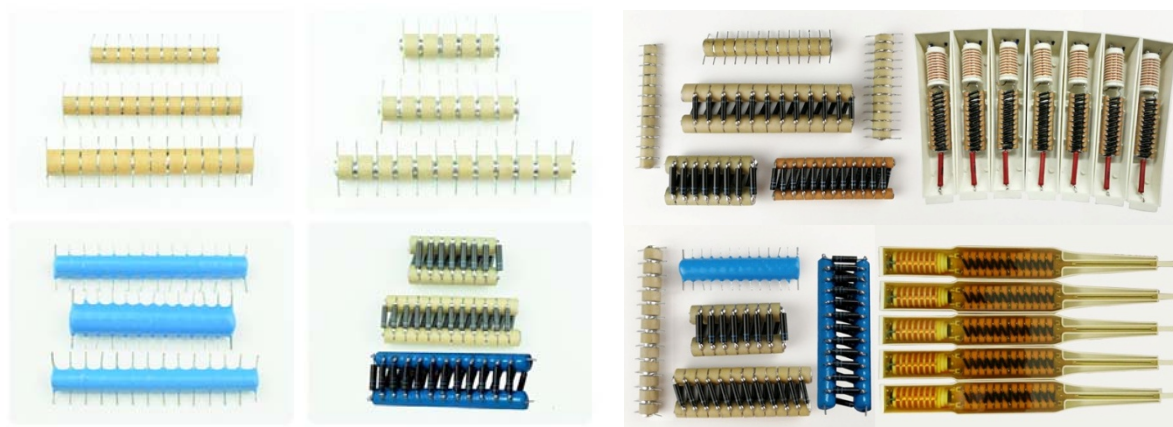
Custom Products are available on request

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AnXon high voltage multiplier assembly module stacks with diodes

Specifications

- 1, Multiple designs up to 24 stages
- 2, Voltage ratings of the individual discs from 8 kVdc to 30 kVdc
- 3, Capacitance ratings of the individual discs from 100pF to 2400pF
- 4, Stacks with diodes, Other versions on request
- 5, Small size, Lead (Pb)-free version on request



AnXon provide high quality customized ceramic capacitor stacks and High Voltage Ceramic Capacitor Multiplier Sets, Please see below table to select our standard parts.

All the capacitance, voltage, number of stacks, diodes specs can be as your request,

Individual discs Capacitance	Individual discs Voltage	Number of Stacks	Ceramic Dielectric	Diode for Multiplier
100pF	8kV 10kV 12kV 15kV 20kV 25kV 30kV	4 stacks 5 stacks 6 stacks 8 stacks 10 stacks 12 stacks	N4700 Y5T Y5U others	2CL73 12kV 5mA 2CL74 14kV 5mA 2CL75 16kV 5mA 2CL76 18kV 5mA 2CL77 20kV 5mA JB99T 20kV 20mA HVRT150 15kV 30mA HVRT200 20kV 30mA
150pF				
220pF				
250pF				
280pF				
310pF				
330pF				
350pF				
470pF				
500pF				
1000pF	others	others		others
2200pF				
2400pF				

Products Application

Ceramic capacitor stacks have been developed for use in low power voltage multipliers used in high voltage DC generators. The major applications are x-ray equipment for medical diagnostics or electrostatic paint spraying equipment.

The major applications are x-ray equipment for:

- Medical diagnosis
- Dentistry x-ray application
- Industrial x-ray for material control
- Airport security x-ray scanner
- Low power voltage multipliers
- High voltage DC generators.
- X-ray equipment for medical diagnostics

Electrostatic paint spraying equipment.



HIGH VOLTAGE CERAMIC CAPACITOR



CT85 Series, AC Live Line Capacitors

FEATURES

- Low dissipation factor
- Very low partial discharge
- Excellent voltage characteristic
- Molded type, Screw or Axial Leads available
- High Impulse Withstanding Voltage

APPLICATIONS

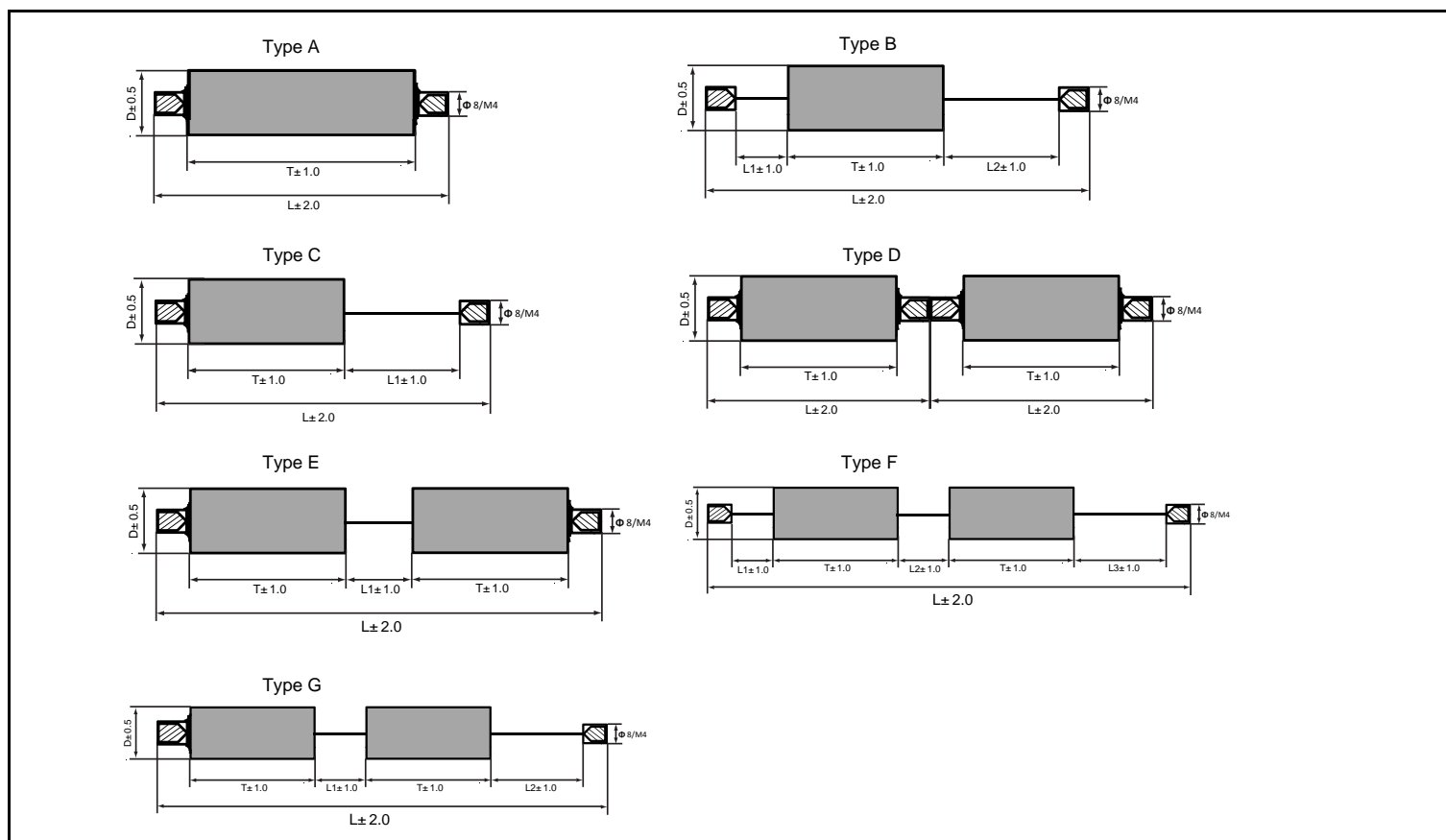
- Electriferous sensor device
- High voltage coupling element



CERAMIC DIELECTRIC PROPERTIES

NO.	Ceramic Dielectric	Operating Temperature Range(°C)	Insulation Resistance ($\geq M\Omega$)	Dissipation Factor \leq	Temperature characteristics
1	Y5P(DT)	-25~+85	100000	0.5%	+/-10%
2	Y5T(D)	-25~+85	100000	1.0%	+22% -33%

DIMENSIONS



Custom Products are available on request

HIGH VOLTAGE CERAMIC CAPACITOR



CT85 Series, AC Live Line Capacitors

REFERENCES – VOLTAGE, CAPACITANCE AND DIMENSIONS RANGE

Rated Spec	Voltage Withstand	Impulse Voltage	Partial Discharge	Dimension	Thread
3KV 230pf	16KVac 50Hz 1min	40KV 1.2/50us	≤5pc 50Hz 3.85KVac	D*14.8XT*24.5XL1*28XL2*140	M4/M6
6KV 40pf	20KVac 50Hz 1min	60KV 1.2/50us	≤5pc 50Hz 7.6KVac	D*11.9XT*33.3XL1*15XL2*127	M4
6KV 150pf				D*13.8XT*29.5XL1*28XL2*140	M4/M6
7.2KV 250PF	30KVac 50Hz 1min	65KV 1.2/50us	≤5pc 50Hz 10KVac	D*26XT21.5*XL31.5	M4/M5
12KV 20pf	48KVac 50Hz 1min	75KV 1.2/50us	≤5pc 50Hz 13.2KVac	D*14.2XL1*36XL2*52	M4
12KV 25pf				D*12.5XT*38.5XL2*54.5	M4
12KV 40pf				D*16.5XL1*41XL2*57.2	M4
12KV 55pf				D*13.2XT*30XL1*30.5XL2*155	M4/M6
12KV 125pf				D*12.5XT*32.5XL1*38.5XL2*225	M4/M6
12KV 150pf				D*25XT23.5*XL35.5	M4/M5
12KV 200pf				D*16.5XT*32.5XL1*29.5XL2*155	M4/M6
24KV 15pf	94KVac 50Hz 1min	125KV 1.2/50us	≤5pc 50Hz 26.4KVac	D*14.2XT*47XL2*63	M4
24KV 38pf				D*17.5XL1*61.2XL2*81.5	M4
24KV 50pf				D*13.2XT*61XL2*81	M4
24KV 75pf				D*16.5XT*61XL2*81	M4
24KV 80pf				D*12.5XT*37XL1*29XL2*220	M4/M6
24KV 110pf				D*17.5XL1*62XL2*81	M4
24KV 150pf				D*17.5XT*50XL2*66	M4
35KV 10pf	115KVac 50Hz 1min	185KV 1.2/50us	≤5pc 50Hz 44.5KVac	D*17XT*48XL1*138XL2*290	M6
35KV 45pf				D*12.5XT*37XL1*29.5XL2*340	M4
36KV 50pf				D*14.5XT*50.5XL *133	M4

* More ceramic dielectric parts available on request

* Other capacitance available on request

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