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lotron
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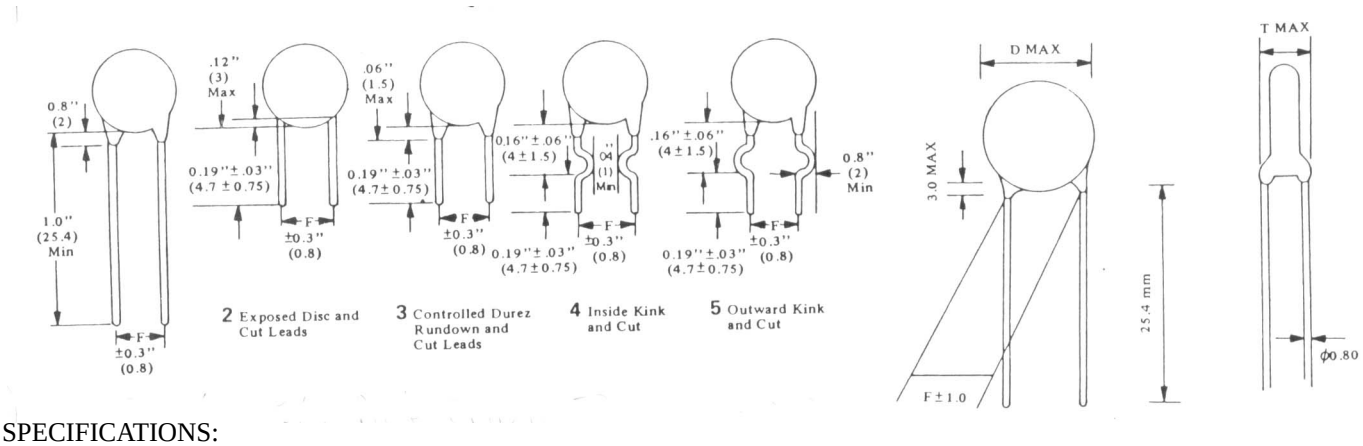
HIGH VOLTAGE CERAMIC CAPACITOR 1KV- 15KV



SPECIFICATIONS:

1. Testing voltage: Rating voltage
   Rating voltage x 2 (under 1KV rating voltage)
   Rating voltage x1.5 (over 2KV rating voltage)
2. Insulation resistance:
   10GΩ min at 500V DC test voltage and room temp. keep to 25℃ ±2℃ RM: 65%
3. Dissipation factor (Tan 8): Y5P(B): 2.5% max
   Z5U(E) : 2.5% max.
   Z5V(F) : 3% max.
4. Coating: epoxy, compatible with potting
5. Corona: over 10KV
   110 picocoulombs max. when checked at 3KV and 60HZ

SIZES AND CAPACITANCE

RATED VOLT	TEMP. CHARACTERISTICS/CAPACITANCE				DIMENSION (m/m)			
VOLT/DC	SL	Y5P (B)	Z5U (E)	Z5v (F)	D	F	T	d
500V	1-82	100-1,000	100-2,200	100-4,700	6	7.0	3	0.6-0.8
	33-100	1,500	3,300	6,800	7	7.0		
	50-220	2,200	4,700	.01	8	7.0		
	100-270	3,300	8,200	.015	9	7.0		
	150-330		.01		10	7.0		
	220-470	4,700		.022	11	9.5		
	330-680	8,200	.022	.033	13	9.5		
	470-1,000	.01	.033	.047				
		.022	.047	.068				
		.027	.068	082-.1				
1 KV	1-33	470	1,000	1,500	7	7.0	4	0.6-0.8
	15-47	680	1,500	2,200	8	7.0		
	22-82	1,000	2,200	3,300	9	7.0		
	50-100	1,500	3,300	4,700	10	7.0		
	82-150	2,000	4,700	8,200	11	9.5		
	100-220	3,300	6,800	.01	13	9.5		
	82-390	4,700	.01	.022	16	12.7		
	270-560	8,200	.015	.033	19	12.7		
	390-820	.01	.022	.04	21	12.7		
	680-1,000	.015	.033	.068	26	12.7		

RATED	TEMP. CHARACTERISTICS/CAPACITANCE	DIMENSION (m/m)

VOLT VOLT/DC	SL	Y5P (B)	Z5P (E)	Z5v (F)	D	F	T	d
2KV	1-15	150	560	1,000	7	7.0	5	0.6-0.8
	5-22	330	820	1,500	8	7.0		
	10-33	470	1,000	2,200	9	7.0		
	22-47	680	1,500		10	7.0		
	33-82	820	2,200	3,300	11	9.5		
	50-100	1,500	3,300	4,700	13	9.5		
	82-220	2,200	6,800	.01	16	12.7		
	100-330	3,300	.01		19	12.7		
	220-470	4,700	.015	.022	21	12.7		
	390-680	8,200	.022	.033	26	12.7		
3KV	1-10	150	390	680	7	7.0	6	0.6-0.8
	5-15	220	680	1,000	8	7.0		
	10-22	390	1,000	1,500	9	7.0		
	20-33	470	1,200	2,200	10	7.0		
	27-47	680	1,500		11	9.5		
	33-82	1,000	2,200	4,700	13	9.5		
	80-150	1,500	4,700	8,200	16	12.7		
	100-	2,200	6,800	.01	19	12.7		
	200-330	3,300	.01		21	12.7		
	300-470	4,700	.015	.022	26	12.7		
4KV	1-15	180	420	750	8	7.0	6.5	0.6-0.8
	10-22	300	680	1,200	9	7.0		
	20-32	420	1,000	1,800	10	7.0		
	30-45	560	1,200	2,200	11	9.5		
	40-72	820	2,200	3,900	13	9.5		
	70-120	1,500	3,600	6,200	16	12.7		
	120-180	2,200	5,600	.01	19	12.7		
	180-220	3,000	7,500	.012	21	12.7		
	220-390	5,000	.012	.02	26	12.7		
6 KV	1-20	220	620	1,000	9	9.5	7.0	0.6-0.8
	15-27	330	910	1,500	10	9.5		
	20-39	470	1,200	2,000	11	9.5		
	30-68	820	2,000	3,300	13	9.5		
	50-100	1,200	3,300	5,000	16	12.7		
	80-160	2,200	4,700	8,200	19	12.7		
	150-220	2,700	6,800	.01	21	12.7		

	200-350	4,200	.01	.015	26	12.7		
7.5 KV	1-18	220	560	9.100	9	7.0	7.0	0.6-0.8
	10-27	330	820	1,200	10	7.0		
	20-36	420	1,000	1,800	11	9.5		
	30-60	750	1,800	3,000	13	9.5		
	50-100	1,200	3,000	4,700	16	12.7		
	80-150	2,000	4,700	7,800	19	12.7		
	150-200	2,400	6,200	.01	21	12.7		
	200-330	3,900	.01	.015	26	12.7		

RATED VOLT VOLT/DC	TEMP. CHARACTERISTICS/CAPACITANCE				DIMENSION (m/m)			
	SL	Y5P (B)	Z5U (E)	Z5v (F)	∅	F	T	∅
10 KV	1-15	100-200	200-470	300-750	9	9.5	8	0.6-1.0
	10-30	390	910	1,500	11	9.5		
	20-50	620	1,500	2,200	13	9.5		
	30-82	1,000	2,200	3,900	16	12.7		
	50-120	1,500	3,900	6,200	19	12.7		
	100-150	2,00	4700	8,200	21	12.7		
	150-270	3,300	8,200	.012	26	12.7		
15 KV	1-9	50-100	100-270	200-420	9	9.5	9	0.6-1.0
	5-21	220	560	910	11	9.5		
	20-33	390	910	1,500	13	9.5		
	30-56	620	1,500	2,200	16	12.7		
	50-90	1,000	2,700	4,200	19	12.7		
	90-120	1,200	3,300	5,600	21	12.7		
	120-180	2,200	5,600	.01	26	12.7		

ORDERING TERMINOLOGY:

CK45	B	3F	22	M	I
(1)	(2)	(3)	(4)	(5)	(6)

(1) Class 1-CC 45 Class 2-CK 45

(2) Temp. characteristics

(3) Rated voltage 2H-500V
3A-1KV, 3D-2KV, 3F- 3KV,
3G-4KV, 3H-5KV, 3J-6KV,
2KH-7.5KV, 4A-10KV, 3AH-15KV.

(4) Rated capacitance

(5) Capacitance tolerance

(6) Lead style (see below)