

**MID, HIGH- VOLTAGE DISC CERAMIC CAPACITOR (E G 1KV-15KV)**

**SPECIFICATION:**

<b>TEMP. RANGE</b>		<b>TEMP. CHARAC.</b>	<b>CO</b>	<b>SL(ppm/deg)</b>	<b>B</b>	<b>D</b>	<b>E</b>	<b>F</b>
Y5	-25°C~+85°C	<b>CAP. CHANGE RATE</b>	NPO	P350~N1000	±10%	+20-30%	+20-55%	+30-80%
Z5	+10°C~+85°C							

**2. CAPACITANCE MEASURING CONDITIONS:**

B	D	E	F	1KHZ	20°C
NPO		SL		1MHZ	1.0VRMS

**3. CAPACITANCE TOLERANCE:**

J(+5%), K(+10%), M(+20%), Z(+80-20%)  
 C(+0.25PF), D(+0.5PF), A(+0.1PF), B(+0.15PF)

**4. I.R.:** 10000MΩ AT 500V FOR 1 MINUTE.

**5. DISSIPATION FACTOR:**

2.5% MAX. FOR B/E/F

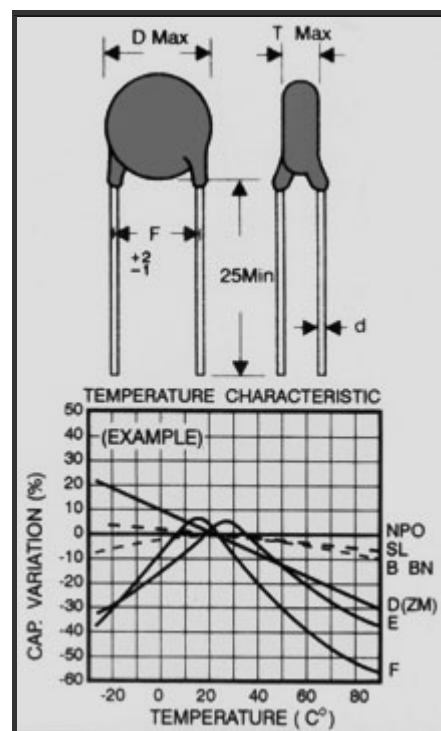
**Q VALUE :**

30PF & UP: 1000 MIN. FOR NPO/SL

30PF UNDER : ≥400 +20C, C=CAP

**6. DIELECTRIC STRENGTH:** TESTING 1-5 SEC.

<b>RATED W.V.</b>	500V	1-2KV	3-5KV	6-15KV
<b>TEST V.</b>	300%	200%	175%	150%



RATED W.V.	TEMP. CHARACTERISTICS & CAP. RANGE					DIMENSION				
	NPO	SL	B	E	F	D	F	T	d	
1KV (3A)	010 ~200	~680	~501	~102	~332	06	5	4	0.6	
	~330	~101	~102	~222	~472	07	5	4	0.6	
	~560	~151	~152	~272	~682	08	5	4	0.6	
	~820	~221	~272	~562	~123	10	10	4	0.6	
	~121	~391	~472	~103	~203	13	10	4	0.6	
	~221	~561	~682	~223	~333	16	10	4	0.6	
	jD	jD	~103	~333	~473	19	10	4	0.6	
	jD	jD	jD	~473	~683	22	10	4	0.6	
	jD	jD	jD	jD	~104	27	10	5	0.8	
2KV (3D)	010 ~220	~680	~471	~102	~222	06	5	5	0.6	
	~330	~101	~821	~222	~332	07	5	5	0.6	
	~470	~121	~102	~332	~472	08	5	5	0.6	
	~680	~181	~202	~472	~822	10	10	5	0.6	
	~121	~331	~332	~103	~153	13	10	5	0.6	
	~151	~471	~472	~153	~203	16	10	5	0.8	
	jD	jD	~682	~203	~273	19	10	5	0.8	
	3KV (3F)	010 ~120	~390	~391	~102	~152	06	5	5	0.6
		~200	~560	~561	~152	~222	07	5	5	0.6
~270		~820	~821	~222	~332	08	7.5	5	0.6	
~470		~121	~122	~332	~562	10	7.5	5	0.6	
~750		~221	~222	~562	~822	13	7.5	5	0.6	
~101		~331	~332	~822	~123	16	10	5	0.8	
~151		~471	~472	~123	~183	19	10	5	0.8	
jD		jD	~562	~153	~223	21	10	5	0.8	
4KV (3G)		010 ~150	~470	~471	~102	~202	07	10	5	0.6
	~220	~680	~561	~152	~272	08	10	5	0.6	
	~330	~101	~102	~272	~472	10	10	5	0.6	
	~560	~151	~152	~392	~682	13	10	5	0.8	
	~820	~271	~222	~682	~103	16	10	5	0.8	
	~121	~391	~332	~103	~153	19	10	5	0.	
6.3KV (3J)	010 ~120	~390	~391	~102	~152	08	10	7	0.8	
	~220	~680	~681	~202	~302	10	10	7	0.8	
	~330	~101	~122	~302	~472	12	10	7	0.8	
	~470	~151	~182	~402	~682	14	10	7	0.8	
	~680	~221	~222	~562	~822	17	10	7	0.8	
	~101	~331	~332	~822	~103	20	10	7	0.8	
8KV (3K)	010 ~100	~390	~391	~102	~152	08	10	7	0.8	
	~220	~680	~681	~202	~302	10	10	7	0.8	
	~330	~101	~122	~302	~472	12	10	7	0.8	
	~470	~151	~182	~402	~682	14	10	7	0.8	
	~680	~221	~222	~562	~822	17	10	7	0.8	
	~101	~331	~332	~822	~103	20	10	7	0.8	
10KV (4A)	010 ~060	~150	~201	~471	~821	10	10	8	0.8	
	~100	~300	~391	~102	~152	12	10	8	0.8	
	~180	~470	~681	~152	~222	14	10	8	0.8	
	~270	~750	~102	~222	~332	17	10	8	0.8	
	~390	~121	~152	~392	~562	20	10	8	0.8	
15KV (4C)	010 ~050	~150	~221	~471	~821	08	10	9	0.8	
	~080	~220	~301	~751	~122	10	10	9	0.8	
	~120	~330	~471	~122	~182	12	10	9	0.8	
	~180	~470	~681	~182	~272	14	10	9	0.8	
	~300	~820	~102	~272	~392	17	10	9	0.8	

✦ Dimension and capacitance designed for reference only.