



CERAMIC CAPACITORS. 25V, 50V, 100V, 250V

Part Number Designation: (for example)

SL 151 K 1H 5 □

Temperature Characteristics Capacitance Capacitance Tolerance Rated Voltage Leads Spacing Optional Remarks

SPECIFICATIONS TO SATISFY:

1. **Capacitance and Tolerance:** Capacitance measured within Cap. Tolerance.

2. **Temperature Range:** - 25°C ~ + 85°C

3. **Rated Voltage:** 25V thru 500V.

Flash Testing Voltage: 300% on Rated Voltage.

4-1. **Q Value for Class I :**

$Q \geq 1000$, or $400 + 20C$ for those less than 30pF. (C = Cap.)

4-2. **Dissipation Factor for Class II:**

$DF \leq 2.5\%$

5. **Insulating Resistance:**

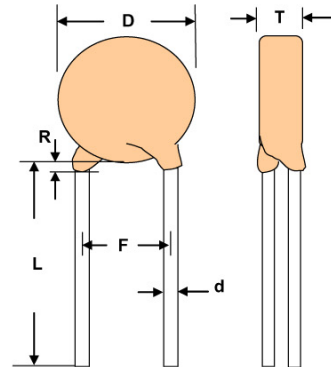
10 GΩ min. measured at Rated Voltage.

6. **Testing Conditions:**

1MHz (0.5 ~ 5.0 Vrms) 20°C for Class I.

1KHz (0.5 ~ 5.0 Vrms) 20°C for Class II.

7. **Capacitance Range and Dimensions:**



Temperature Characteristics	NPO (CG, CH)	SL	B (YP)	D (YT)	E (YU, ZU)	F (YV, ZV)	Dimension			
							D. Max.	T Max.	F ± 0.5	d ± 0.05
Tolerance	C, D, J, K	J, K.	K, M.	K, M.	M, Z.	M, Z.				
25V (1E), 50V (1H), 100V (2A)	0R5 ~ 051	0R5 ~ 151	101 ~ 222	101 ~ 681	102 ~ 332	102 ~ 103	5.0	3.0	2.5, 5.0	0.5
	~ 121	~ 331	~ 502	~ 152	~ 103	~ 223	7.0		5.0, 7.5	
	~ 221	~ 681	~ 822	~ 332	~ 223	~ 333	9.0		7.5, 10.0	0.5, 0.6
	~ 391	~ 102	~ 103	~ 472		~ 473	11.0		10.0	0.6, 0.8
250V (2E) 500V (2H)	0R5 ~ 039	0R5 ~ 101	101 ~ 102	101 ~ 471	102 ~ 222	102 ~ 472	5.0	3.0	2.5, 5.0	0.5
	~ 068	~ 221	~ 182	~ 102	~ 502	~ 103	7.0		5.0, 7.5	
	~ 121	~ 391	~ 332	~ 152	~ 103	~ 223	9.0		7.5, 10.0	0.5, 0.6
	~ 221	~ 471	~ 502	~ 272	~ 153	~ 333	11.0		10.0	0.6, 0.8
			~ 103	~ 472	~ 223	~ 473	14.0			

* All of Capacitances and Dimensions listed above are designed for reference only.

* Unless otherwise specified, those of 500V and under are coated with Phenolic Resin.