

General Technical Characteristics 一般特性

Low dissipation, small tolerance
低损耗, 小容差
Good charge and discharge performance, small size, high withstand voltage
良好的充放电性能, 体积小, 耐压高
A variety of series, a variety of assembly way
多种系列, 多种组装方式
Stable electrostatic capacitor
耐压高, 在脉冲和快速放电条件下表现优异

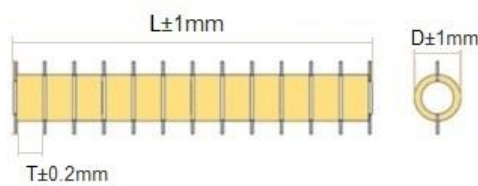
Typical Applications 典型应用

Suitable for electrostatic spraying doubler module circuit application and typical handheld high-voltage electrostatic spray gun, the built-in high voltage module, low and high pressure anion generator in high voltage power supply components. Static electricity generating circuit, spraying machines, electrostatic flocking equipment, doubler circuit, high frequency doubler rectifier circuit, a major part of the multistage doubler rectifier circuit, low power dc high voltage power supply, etc.
应适用于静电喷涂倍频模块电路应用和典型的手持式高压静电喷枪, 内置高压模块, 高压低压负离子发生器电压电源组件。静电产生电路, 喷涂机, 静电植绒设备、倍频电路、高频倍频整流电路是多级电路的主要组成部分

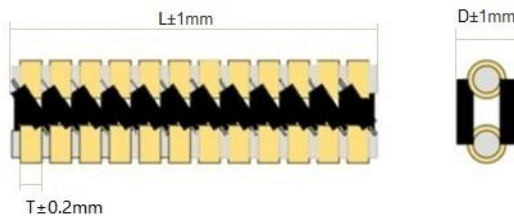
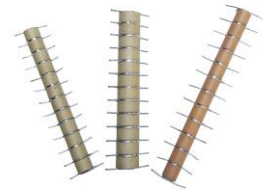
Electrical Characteristics 电气特性

Operating Temperature 操作温度: -25° C ~ +85° C
Rated Voltage 额定电压: 8KV ~ 50KV
Capacitance Range 电容量范围: 100pF ~ 10000pF
Capacitance Tolerance 电容量偏差: ±10%(K)
Dielectric Loss 损耗因素: 0.5% at 1V, 1KHz
Pitch Number 针脚数量: 3-14

Outline Drawing 外形图



Model: A



Model B



Part Number System 产品编码说明

<u>KCT8S</u>	<u>20KV</u>	<u>D</u>	<u>151</u>	<u>K</u>	<u>A</u>	<u>06</u>	<u>12</u>
型号代码	额定电压	温度特性	容量	容量偏差	类型	直径	每串片数
Series Code:	Voltage:	Temperature	Capacitance:	Cap. Tol.:	Model:	Diameter:	Number of stacks:
KCT8S	20KV	Characteristics: D: Y5T E: Y5U	151: 150pF	K: ± 10%	A B	06: 6mm 065: 6.5mm	06: 6pcs 12: 12pcs

KCT8S series / High Voltage Stacks Ceramic Capacitor

Electrical Specification & Part Numbers Reference 规格型号参考 (mm)

Individual Discs Capacitance pF	Capacitance Tolerance %	Rated Voltage KV	Number of Stacks	Ceramic Dielectric	D	T	L	Part Number
2200	10	8	12	Y5T	3.5	14.8	50	KCT8S8KVD222KB0412
2200	10	8	12	Y5T	3.5	15.8	51	KCT8S8KVD222KB0412
250	10	10	12	Y5T	4	5.3	56	KCT8S10KVD251KA0412
250	10	10	12	Y5T	4	6	57	KCT8S10KVD251KA0412
100	10	15	12	Y5T	5.1	5.3	70	KCT8S15KVD101KA0512
100	10	15	12	Y5T	5.1	6	71	KCT8S15KVD101KA0512
470	10	15	12	Y5T	4.5	8.3	53	KCT8S15KVD471KB0512
470	10	15	12	Y5T	4.5	9.2	54	KCT8S15KVD471KB0512
100	10	20	12	Y5T	5.1	5.3	70	KCT8S20KVD101KA0512
150	10	20	12	Y5T	4.4	6	61	KCT8S20KVD151KA0412
220	10	20	12	Y5T	4.4	6	61	KCT8S20KVD221KA0412
250	10	20	12	Y5T	4.0	5.3	56	KCT8S20KVD251KA0412
270	10	20	12	Y5T	4.8	8.8	67	KCT8S20KVD271KA0512
300	10	20	12	Y5T	4.5	6.1	59	KCT8S20KVD301KA0512
330	10	20	12	Y5T	3.6	8.5	54	KCT8S20KVD331KB0412
470	10	20	12	Y5T	4.4	8.7	63	KCT8S20KVD471KB0412
500	10	20	12	Y5T	4.8	8.7	65	KCT8S20KVD501KB0512
220	10	30	12	Y5T	6.1	9	81	KCT8S30KVD221KB0612
330	10	30	12	Y5T	7.1	8	94	KCT8S30KVD331KB0712
330	10	40	12	Y5T	12	16	215	KCT8S40KVD331KB1212

Remark: Customization for special specification and requirement is available.