

PRODUCT DESCRIPTION

Spraying gun diodes stack ceramic capacitor is an integrated voltage doubler integrated rectifier module, which is part of the entire circuit integrated in a device, because of its integrated structure, so it is not subject to vibration, humidity, gas corrosion, not afraid of dust, oil Baptist, can work in harsh environments. Ideal for use in photomultipliers, ionization chambers and similar stable high voltage DC rectifiers that require high voltage, low leakage detection devices.

Low dissipation, small tolerance

Good charge and discharge performance

Small size, high withstand voltage

A variety of series, a variety of assembly way

Stable electrostatic capacity

ELECTRICAL PARAMETER

Name: multiplier ceramic capacitor

Frequency: 1KHz

The rated voltage: 10 ~ 50 KV

Insulation resistance: (IR) $\geq 10000 M\Omega$

The loss tangent: $T_g \leq 0.3\%$

Capacitance: 10 ~ 103 PF

Tolerance: K ($\pm 10\%$)

Withstand voltage test: DC 1.5 times no breakdown or flashover

Series A: enhanced, by silver fittings connection between capacitance per level, structure optimization, heat evenly, increase insulation, good reliability

Material code	Capacity	Rated voltage	D (mm)	L (mm)	PCS/STACK
CDM20KV151KB12	150PF	20KV	6.1	71	12
CDM10KV251KB12	250PF	10KV	5.2	66	12
CDM20KV331KB11	330PF	20KV	7.8	66	12
CDM20KV471KB12	470PF	20KV	8.3	75	12
CDM20KV501KB12	500PF	20KV	8.3	74	12
CDM30KV221KB10	220PF	30KV	8.5	91	10

Can provide module customization, multi-level customization is welcome

B-Model parameter table

B series: economy, direct welding between capacitance per level, and unilateral or bilateral derivation leads to two kinds of structure, cheap, economical and practical, overall length can be adjusted according to customer's requirements.

Material code	Capacity	Rated voltage	D (mm)	L (mm)	PCS/STACK
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CDM20KV101KA10	100PF	20KV	5.2	62	10
CDM20KV151KA12	150PF	20KV	6.2	60	12
CDM20KV251KA12	250PF	20KV	5.2	59	12
CDM20KV301KA12	300PF	20KV	8.0	60	12
CDM20KV351KA12	350PF	20KV	6.2	58	12
CDM20KV471KA12	470PF	20KV	8.7	63	12

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OTHER STYLE

APPLICATION

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.