

HIGH VOLTAGE CAPACITOR HV-01 ROUND

Application:

Snubber, UPS, AC drivers and inverters, industrial control

Technical data:

- dielectric:
multistriper metallized
polypropylene film
- non-flammable plastic casing
filled epoxy resin
- capacitance tolerance:
 $\pm 20\%$, $\pm 10\%$, $\pm 5\%$
- $\text{tg } \delta$: 5×10^{-4} max at $f = 1\text{kHz}$
- Rizol: 25000 M Ω min
- operating temperature: $-55^{\circ}\text{C} \div +85^{\circ}\text{C}$
- wound: non-inductive
- lead: tin-plated copper wire or screw
- RoHS Compliant

C	du/dt	I _{RMS}	D	L
nF	V/ μs	A	mm	mm

10kVDC - 1700VAC

1÷5	600	4	25	56
10÷15	640	5	35	56
20÷30	640	5	50	56
50÷100	380	9	60	56

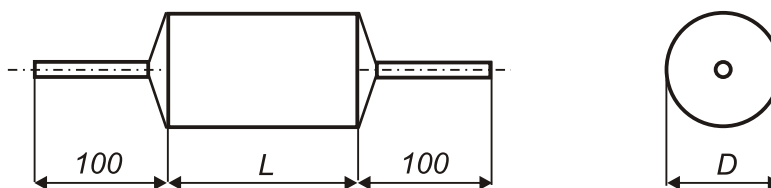
20kVDC - 3000VAC

1÷5	1100	3	35	83
10÷15	1100	4	45	83
20÷30	680	4	70	83

30kVDC - 5000VAC

1÷5	2400	2	35	110
10÷15	3200	3	60	110
20	3200	3	70	110

Other capacitance values, size and performance are available.



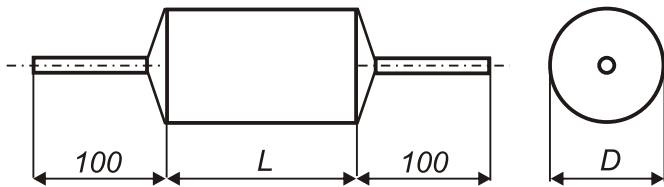
MITRA

Ltd
99-300 Kutno; 1 Grunwaldzka St.
Poland
tel./fax: +48 24 253 60 71
tel. +48 24 355 13 36
<http://www.mitra.com.pl>
e-mail: mitra@mitra.com.pl

HIGH VOLTAGE PULSE CAPACITOR HV-02

Application:

Tesla coil, plasma gun, very high peak current circuits (du/dt) and MMC building



foil Al

polypropylene

metallized pp

like CDE 942... series.

Technical data:

- dielectric: polypropylene film
- casing: flame retardant tubing with epoxy end seals
- capacitance tolerance: $\pm 20\%$, $\pm 10\%$, $\pm 5\%$
- $\text{tg } \delta$: 0,5% max
- operating temperature: $-55^\circ\text{C} \div +85^\circ\text{C}$
- wound: non-inductive
- flame retardant grade UL94-V0
- RoHS Compliant

C	du/dt	I_{RMS}	ESL	D	L
nF	V/ μs	A	nH	mm	mm

2000VDC - 500VAC

33	4200	6,0	23	20	41
47	4200	7,0	28	20	41
68	4200	10,0	30	24	41
100	4200	12,0	31	24	41
150	4200	13,5	32	30	41
200	4200	15,0	34	40	41

3000VDC - 750VAC

47	1600	2,0	30	25	41
100	1600	11	35	30	41
150	1600	11	40	40	41

Other capacitance values, size and performance are available.

MITRA

Ltd
99-300 Kutno; 1 Grunwaldzka St.
Poland
tel./fax: +48 24 253 60 71
tel. +48 24 355 13 36
<http://www.mitra.com.pl>
e-mail: mitra@mitra.com.pl

HIGH VOLTAGE CAPACITORS



MITRA

Ltd
99-300 Kutno; 1 Grunwaldzka St.
Poland
tel./fax: +48 24 253 60 71
tel. +48 24 355 13 36
<http://www.mitra.com.pl>
e-mail: mitra@mitra.com.pl