



CASTOR CAP



RoHS compliant
REACH compliant

FEATURES

- Compact design
- Controlled self-healing process
- Designed for printed circuit board mounting
- Self-healing PP dielectric

APPLICATIONS

- Medical application
- Aviation technology
- Inverters
- Railway application
- Signalling
- Flash application

GENERAL SPECIFICATIONS

Items	Characteristics
Capacitance range	4,2 µF ... 32 µF
Rated voltage DC	600 Vdc ... 1700 Vdc
Available tolerance	± 5 % (J) ± 10 % (K)
Rated RMS current 30 °C	max. 30 Arms
Operating temperature range	-40 °C ... +85 °C
Climatic category DIN IEC 68/1	40/085/21
Terminals	PCB Pins, 4x 1,2mm
Weight	approx. 70 g
Thermal Resistance	11 K/W

Different voltages and capacitance combinations are available on request. Also in small lots.

■ ELECTRICAL DATA FOR SERIES CASTOR CAP

U_N [VDC]	C_N [μ F]	Max. ESR @10 kHz [mOhm]	dU/dt [V/ μ s]	Max. I _{rms} @10 kHz/30°C [A]	I _{peak} [A]	Part No. plus (...) = tol. and wire lenght
600	32	3,4	24	30	753	CC32 μ 600d...
700	25	4,1	26	30	656	CC25 μ 700d...
750	20	4,6	29	30	578	CC20 μ 750d...
900	17	4,8	32	30	549	CC17 μ 900d...
1000	13	5,5	37	30	481	CC13 μ 1000d...
1100	10	6	42	30	424	CC10 μ 1100d...
1200	8,5	6,8	46	30	389	CC8.5 μ 1200d...
1300	7,5	7,1	49	30	368	CC7.5 μ 1300d...
1400	6,5	7,4	55	28	354	CC6.5 μ 1400d...
1700	4,2	9,6	65	26	274	CC4.2 μ 1700d...

■ EXAMPLE OF DRAWINGS FOR SERIES CASTOR CAP

