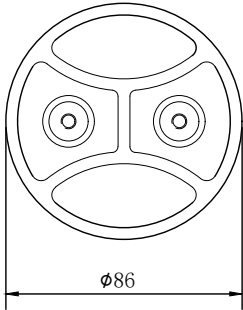
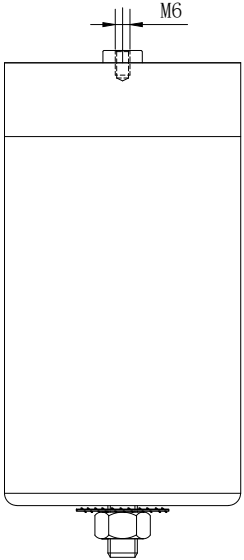
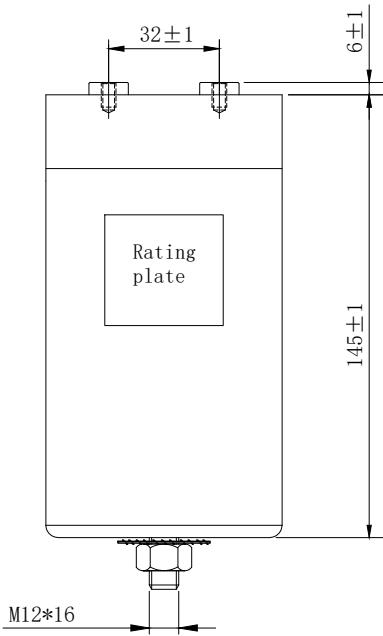



Dc Capacitor			
<a href="#">Nominal values</a>			
Rated capacitance	Cn	[ μ F]	300
Tolerance		[%]	±5%
Rated voltage	Un	[Vdc]	1300
Ripple voltage	Ur	[Vac]	
Maximum current	I <sub>max</sub>	[A <sub>rms</sub> ]	60
Maximum repetitive peak current	I <sub>p</sub>	[kA]	1.8
Maximum surge current	I <sub>s</sub>	[kA]	5.4
Tangent of the loss angle	tg δ <sub>o</sub>	[x10 <sup>-4</sup> ]	≤ 2 (1V, 100Hz, 20° C)
Thermal resistance	R <sub>th</sub>	[K/W]	3.7
ESR	R <sub>s</sub>	[mΩ]	1.1
Capacitor inductance	L <sub>s</sub>	[nH]	45
<a href="#">Maximum rating</a>			
Non-recurrent peak voltage	U <sub>s</sub>	[Vp]	1950
Recurrent surge voltage slop	(du/dt) <sub>s</sub>	[V/ μ s]	
<a href="#">Test values</a>			
between terminals	U <sub>t-t</sub>	[Vdc]	1950 - 10s
between terminals and case	U <sub>t-c</sub>	[V]	4000 - 50Hz - 60s
<a href="#">Climatic conditions</a>			
Operating temperature	θ <sub>amb</sub>	[°C]	θ <sub>min</sub> = -40°C / θ <sub>max</sub> = +85°C (hotspot)
Storage temperature	θ	[°C]	-55 / +85
<a href="#">Expected life time</a>			
Expected lifetime		[h]	≥100,000 ( at θ <sub>hotspot</sub> ≤70°C )
Failure quota	λ	FIT	200
<a href="#">Mechanical values</a>			
Weight		[kg]	1.3
material			Al
<a href="#">Terminals</a>			
Type			Copper
Screw bolt			2-M6 x 10
Tightening torque max.		[Nm]	M6=4Nm; M12=15Nm;
<a href="#">Mounted</a>			vertical or horizontal or upside-down
<a href="#">Technology</a>			
Dielectric			metallised polypropylene self-healing
Impregnant			solidified epoxy resin
Execution according to			IEC 61071



Unit: mm

	Signature	Date	C4330755N9JE38JIBS				 深圳市创仕鼎电子有限公司
Design							
Technics			Phase	No.	Proportion		C43-1300VDC-300uFJ
Approve			A		1		