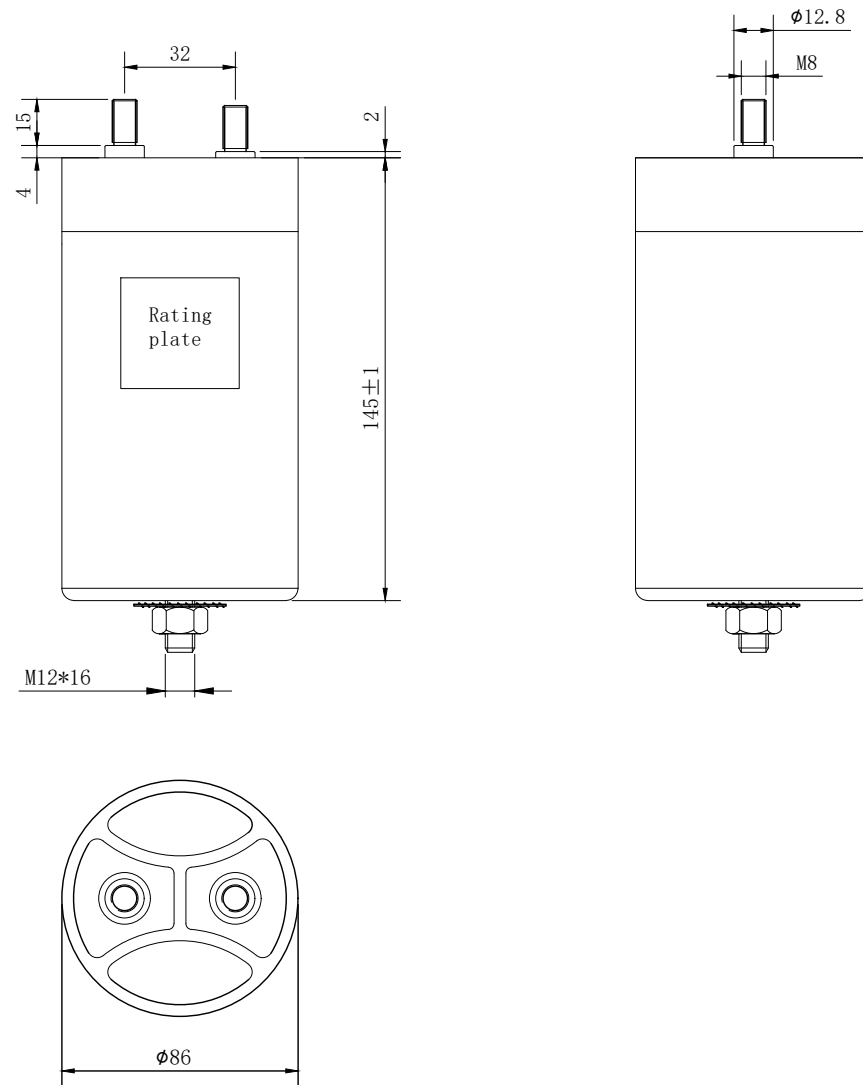



Dc Capacitor			
Nominal values			
Rated capacitance	Cn	[μ F]	600
Tolerance		[%]	$\pm 5\%$
Rated voltage	Un	[Vdc]	900
Ripple voltage	Ur	[Vac]	
Maximum current	I _{max}	[A _{rms}]	60
Maximum repetitive peak current	I _p	[kA]	5
Maximum surge current	I _s	[kA]	15
Tangent of the loss angle	tg δ_o	[$\times 10^{-4}$]	≤ 2 (1V, 100Hz, 20° C)
Thermal resistance	R _{th}	[K/W]	3.4
ESR	R _s	[m Ω]	0.9
Capacitor inductance	L _s	[nH]	40
Maximum rating			
Non-recurrent peak voltage	U _s	[V _p]	1350
Recurrent surge voltage slop	(du/dt) _s	[V/ μ s]	
Test values			
between terminals	U _{t-t}	[Vdc]	1350 - 10s
between terminals and case	U _{t-c}	[V]	3000 - 50Hz - 60s
Climatic conditions			
Operating temperature	θ_{amb}	[°C]	$\theta_{min} = -40^{\circ}\text{C} / \theta_{max} = +85^{\circ}\text{C}$ (hotspot)
Storage temperature	θ	[°C]	-40 / +85
Expected life time			
Expected lifetime		[h]	$\geq 100,000$ (at $\theta_{hotspot} \leq 60^{\circ}\text{C}$)
Failure quota	λ	FIT	300
Mechanical values			
Weight		[kg]	1.3
material			Al
Terminals			
Type			Copper
Screw bolt			2-M8 x 15
Tightening torque max.		[Nm]	M8=4Nm;
Mounted			
			vertical or horizontal or upside-down
Technology			
Dielectric			metallised polypropylene self-healing
Impregnant			solidified epoxy resin
Execution according to			IEC 61071



Unit: mm

	Signature	Date	C4360738N9J028JIGS			 深圳市创仕鼎电子有限公司
Design			Phase	No.	Proportion	
Technics						C43-900VDC-600uFJ
Approve			A		1	