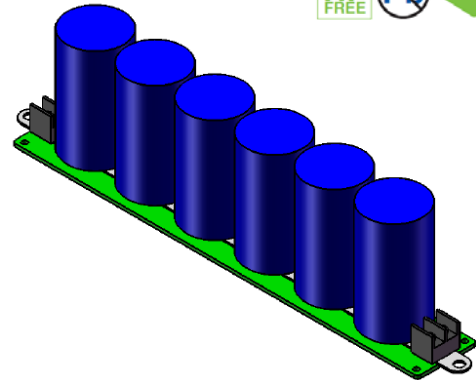


Features

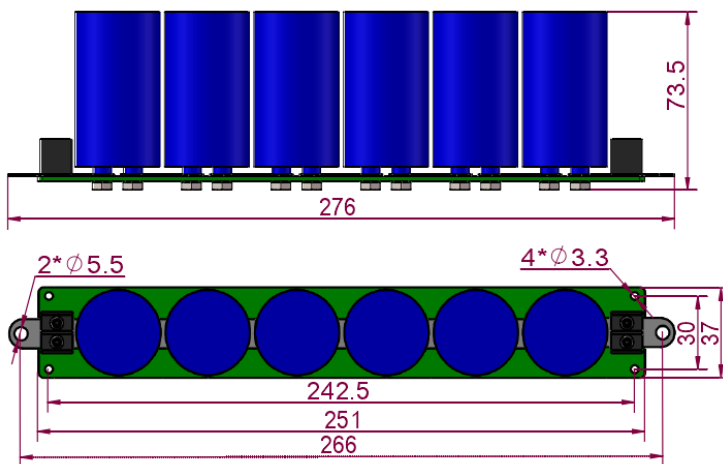
- High power performance
- Low ESR
- Over 1,000,000 duty cycles
- Through wiring terminal connection

Applications

- Pitching control system of Wind Turbine Generator
- EV/HEV
- Hybrid drive trains
- Mass transportation braking energy recovery system
- UPS/DVC
- Heavy duty machinery
- Locomotive engine startup system



Dimension



Dimension(mm)			
Capacitance	L(mm)	W(mm)	H(mm)
60F	266	37	73.5

Specifications

Capacitance (F)	Part Number	Maximum ESR (mohm)		Max. Continuous Current ($\Delta T=15^{\circ}\text{C}, \text{A}$)	Nominal Leakage Current (mA) @ 20°C after 72 Hours	Stored Energy (Wh)	Specific Energy (Wh/Kg)	Typical Mass (Kg)
		AC @ 1kHz	DC					
60	MCE0060C0-0016R0TBA	18	22	25	0.5	2.13	3.55	0.6

Working Voltage	16 VDC
Surge Voltage	16.2 VDC
Capacitance Tolerance	-10% to +20% (25°C)
Operating Temperature Range	-40°C to 65°C, $\Delta C < 20\%$, $\Delta \text{ESR} < 50\%$ of initial measured value @ 25°C
Storage Temperature Range	-40°C to 70°C
Life Time	10 years, $\Delta C < 30\%$, $\Delta \text{ESR} < 150\%$ of specified value, $\text{LC} < \text{specified value}$ @ 25°C
Cycle Life(25°C)	1,000,000 cycles, Cycled between rated voltage and 1/2 rated voltage under constant current @ 25°C

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