

FEATURES

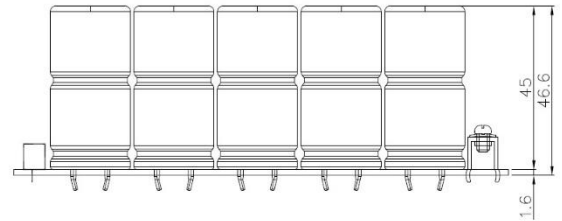
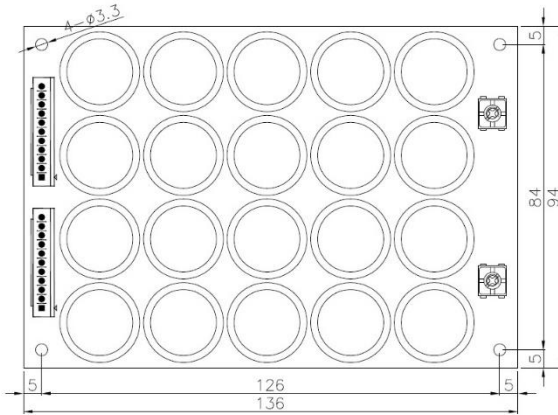
- Ultra-low internal resistance
- Highest power performance available
- Over 500,000 duty cycles
- Compact design
- Output Terminal M3.5 Thread

TYPICAL APPLICATIONS

- Automotive
- Industrial
- Telecommunications
- Transportation
- Uninterruptible Power Supplies(UPS)
- Wind turbines

Drawing

unit: mm



SPECIFICATION

ELECTRICAL	VEM60R0505QG
Rated Capacitance	5.0 F
Capacitance Tolerance	-10 ~ +30%
Maximum ESR _{AC} , initial	120 mΩ
Rated Voltage	54V
Rated Current(Output Terminal)	30A
Leakage(72hr) + Balancing Current, maximum	3.3mA
TEMPERATURE	
Operating Temperature	-40°C ~ 65°C
Storage Temperature	-40°C ~ 70°C
CELL VOLTAGE MANAGEMENT	
CELL Voltage Management	PASSIVE
PHYSICAL	
Mass, typical	450g
Power Terminal	M3.5 Thread
Recommended Torque-Terminal	0.8 Nm
POWER & ENERGY	
Stored Energy	2.50Wh
LIFE	
High Temperature (1,000 hours)	Capacitance: -30% of specification value, ESR: Within 2 times of specification value
Cycle Life	500,000 cycles(Cycle of charge/discharge from VR to 1/2VR)