

FEATURES

- Active cell balancing
- Rugged, fully enclosed system
- 16.2V working voltage
- Screw terminals
- Module-to-module cable included
- UL-recognized cells

APPLICATIONS

- Automotive subsystems
- Heavy-duty vehicle subsystems
- Windmill pitch control systems
- Wireless transmission



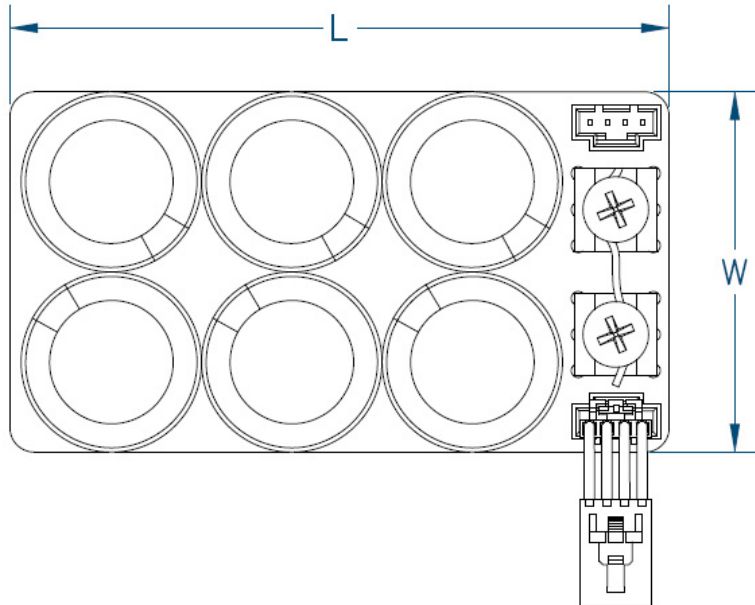
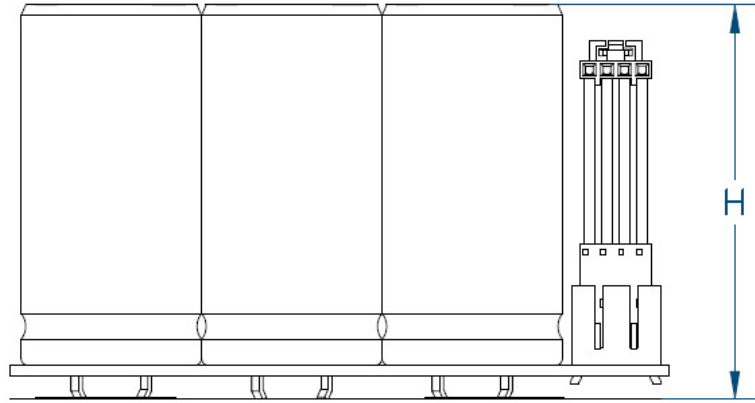
GENERAL SPECIFICATIONS

Item	Performance
Operating temperature	-40°C to +65°C
Storage temperature	-40°C to +70°C
Capacitance	25F
Capacitance tolerance	-10/+20%
Rated voltage	16.2V
Temperature characteristics	Capacitance change: Within $\pm 5\%$ of initial measured value at +25°C (-40°C to +65°C) Internal resistance: Within $\pm 50\%$ of initial measured value at +25°C (at -40°C)
Endurance (At rated voltage & max. operating temp)	After 1000 hours, the capacitor shall meet the following limits: Capacitance change: Within $\pm 30\%$ of initial rated value Internal resistance: Within 2 times of initial specified value
Load life (At rated voltage & 25°C)	After 10 years: Capacitance change: Within $\pm 30\%$ of initial rated value Internal resistance: Within 2 times of initial specified value
Cycle life (From rated voltage to 1/2 rated voltage at 25°C)	After 500,000 cycles: Capacitance change: Within $\pm 30\%$ of initial rated value Internal resistance: Within 2 times of initial specified value
Shelf life	After 1000 hours storage, at 70°C without load, the capacitor shall meet the specified endurance limits.

DIMMENSIONS (mm)

Units = mm

PBL-25/16.2



STANDARD PRODUCTS

Part Number	Cap. (F)	Voltage	ESR DC (mΩ)	ESR AC (mΩ) (1 KHz)	Leakage Current (mA) (72 hrs @ 25C)	Dimensions (mm)			Weight/Unit (grams)
						L	W	H	
PBL-25/16.2	25	16.2	86	50	0.53	95	52	57	104

PART NUMBER EXAMPLE

PBL	-	25	/	16.2
Type		Capacitance Code (F)		Voltage