

FEATURES

- Passive cell balancing
- Screw terminals
- UL-recognized cells

APPLICATIONS

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

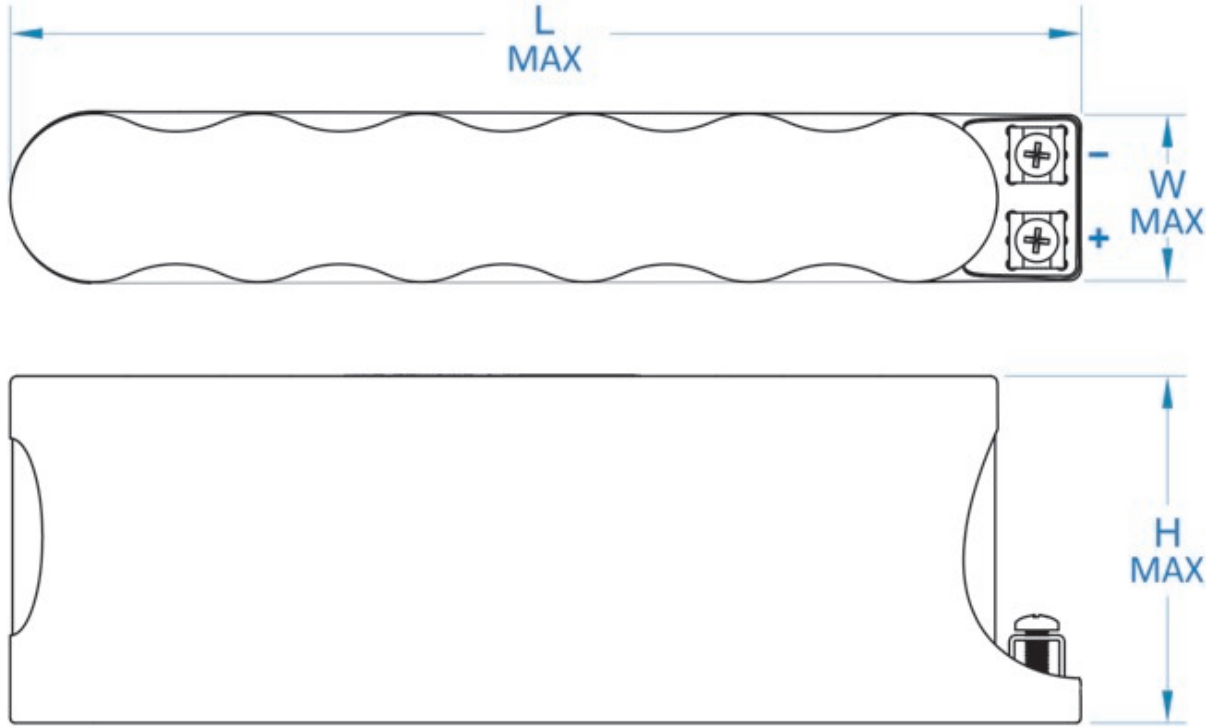


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GENERAL SPECIFICATIONS

| Item | Performance |
|---|--|
| Operating temperature | -40°C to +65°C |
| Storage temperature | -40°C to +70°C |
| Capacitance | 75F |
| Rated voltage | 18 VDC |
| Temperature characteristics | Capacitance change: Within ±5% of initial measured value at +25°C (-40°C to +65°C) Internal resistance: Within ±50% of initial measured value at +25°C (at -40°C) |
| Endurance (At rated voltage & max. operating temp) | After 1500 hours, the capacitor shall meet the following limits: Capacitance change: Within ±30% of initial rated value Internal resistance: Within 2 times of initial specified value |
| Projected Load life (At rated voltage & 25°C) | After 10 years: Capacitance change: Within ±20 % of initial rated value Internal resistance: Within 2 times of initial specified value |
| Projected cycle life (From rated voltage to 1/2 rated voltage at 25°C) | After 500,000 cycles: Capacitance change: Within ±20 % of initial rated value Internal resistance: Within 2 times of initial specified value |
| Shelf life | After 2 years at 25°C without load, the capacitor shall meet the specified endurance limits. |

DIMENSIONS



STANDARD PRODUCTS

| Part Number | Nom. Cap. (F) | GMV (F)* | ESR DC (mΩ) | ESR AC (mΩ) (1 KHz) | Leakage Current (mA) (72 hrs @ 25C) | Dimensions (mm) | | | Rated Current (A) | Weight/Unit (grams) |
|----------------|---------------|----------|-------------|---------------------|-------------------------------------|-----------------|----|----|-------------------|---------------------|
| | | | | | | L | W | H | | |
| PBLH-18R0/75ST | 75 | 75 | 35 | 30 | 10 | 236 | 38 | 83 | 176 | 608.9 |

*NOTE: GMV = Guaranteed Minimum Value.