TYPE PBLS

UNIQUE SLIM PROFILE DESIGN. ON-BOARD THERMISTOR. MOLEX 87439-0400 CONNECTOR

FEATURES

- Unique slim profile design
- On-board 10k thermistor
- Passive linear voltage balanced cells
- Molex 87439-0400 connector
- Fast charge time
- Maintenance-free backup
- Green solution vs. batteries
- UL-recognized cells
- RoHS compliant

APPLICATIONS

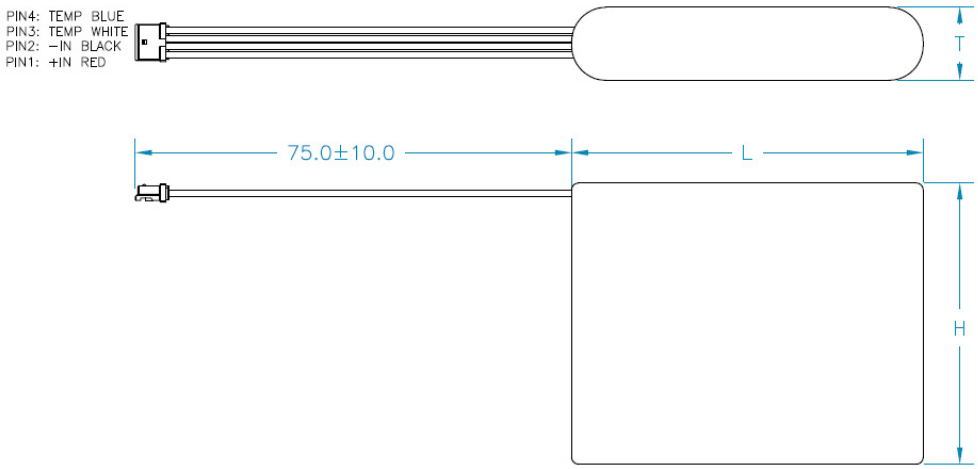
- Automatic meter readers
- Automotive subsystems
- Backup power for safe shutdown requirements
- Battery-powered tools and handheld electronic devices
- Data deduplication
- Networking last gasp
- Medical devices
- Motor peak-power shaving
- RAID storage
- Servers
- SSD
- Solar-charged devices
- Wireless transmission

GENERAL SPECIFICATIONS

Item	Performance
Operating temperature	-40°C to +65°C
Storage temperature	-40°C to +70°C
Capacitance	11.25F
Capacitance tolerance	-10 to +20%
Rated voltage	10.8V
Temperature charateristics	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 1000 hours: Capacitance change: Within ±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 ±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 ±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



STANDARD PRODUCTS

Part Number	Cap. (F)	Voltage	ESR DC (mΩ)	ESR AC (mΩ)	Leakage Current (mA) (72 hrs @ 25C)	Dimmensions (mm)			Max Peak Current (A)
						L	H	T	
PBLS-11.25/10.8	11.25	10.8	148	124	1.45	53	61	14	22.8

PART NUMBER EXAMPLE

PBLS	-	11.25	/	10.8
Type		Capacitance Code (F)		Voltage