

UBP103450/PCM

Technical Datasheet



FEATURES

- Common Sizes
- Thin
- High Energy Density
- Wide Operating Temperature Range
- Lightweight
- Can be assembled into packs

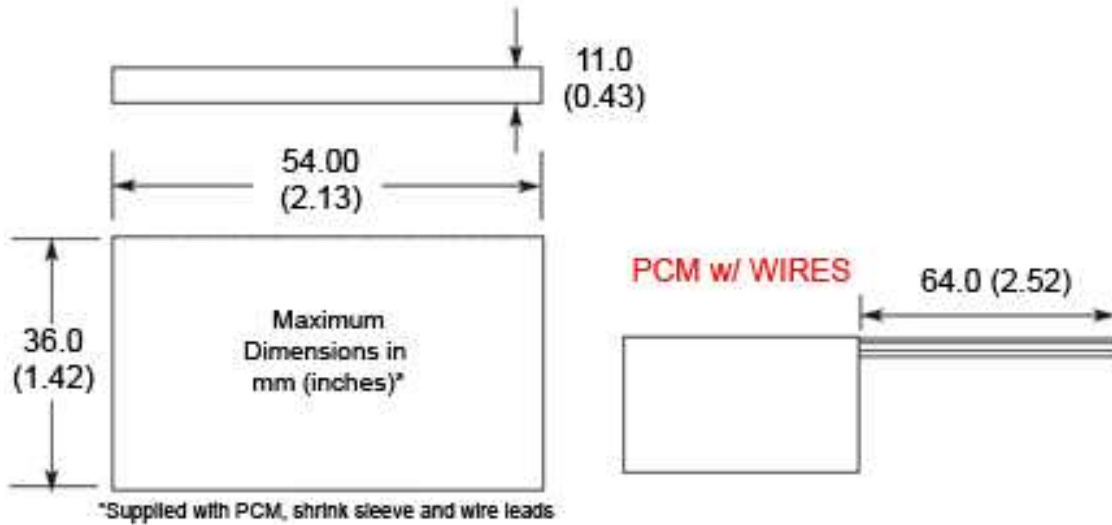
APPLICATIONS

- Portable Electronics
- Medical Equipment
- Tracking Applications

SPECIFICATIONS

Part No	UBP001
Voltage Range	3.0 to 4.2V
Average Voltage	3.7V
Capacity	1.75Ah @ C/5 Rate @ 23°C
Max. Discharge	1.75A continuous
Energy	6.5Wh
Energy Density	158Wh/kg, 304Wh/l
Weight	41 grams
Cycle Life	> 500 cycles @ C/5 to 80% of initial capacity
Memory	No Memory Effect
Operating Temp	-20°C to 60°C
Storage Temp	-20°C to 45°C
Self-Discharge	< 10% per month
Exterior/Housing	PVC Shrink Wrap
Terminals/Connector	24 AWG Wire: Red (+), Black (-)
Safety	UL Recognized Component Material Safety Datasheet - MSDS041 Safety Guide UBI-5112
Transportation	Exempted from regulations for packages with gross mass of 10kg or less (see note.)
Protection Circuit Module	Over Voltage Limit: 4.275 +/- 0.03V Under Voltage Limit: 2.3 +/- 0.03V Over Current Protection: 1.8 - 3.0A PTC Rated for 2.1A Hold Current @ 25°C
Charging	Recommended charge rate at 875mA to 4.2V in temperature range of 0° to 45°C. Hold at 4.2V until current declines to 175mA. Maximum charge rate is 1.75A @ 20±5°C. Refer also to Safety Guide UBI-5112.
Note	Complete description of transportation regulations, lithium weights and transportation classifications is available on the Ultralife Website. Ultralife Transportation Regulations and Information

DIMENSIONS



PERFORMANCE GRAPHS

