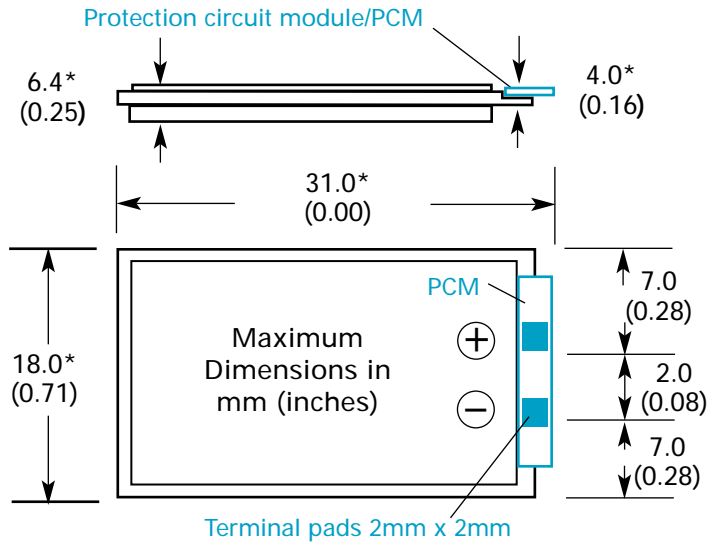


Polymer Rechargeable System



UBC641730/PCM



\* Note: Use of shrink wrap will increase dimension to 0.5 max

UBC641730/PCM

System:	Lithium Polymer Rechargeable
Part No.	UBC005
Voltage Range:	4.20 to 3.0 Volts
Average Voltage:	3.7 Volts
Nominal Capacity:	200 mAh @ C/5 Rate @ 23°C
Max. Discharge:	2C Continuous
Energy:	0.7 Wh
Energy Density:	156 Wh/kg 296 Wh/l
Weight:	4.5 grams
Cycle Life:	>300 Cycles @C/5 to 80% of initial capacity
Memory:	No Memory Effect
Operating Temp.:	-20°C to 60°C
Storage Temp.:	-20°C to 60°C
Self-Discharge:	<10% Per Month
Jacket:	Laminated Foil
Wire Gage:	30 AWG
Transportation:	Excepted From Regulations (1) See reverse for further details

PROTECTION CIRCUIT MODULE (PCM)

Over Voltage limit: 4.30 +/- 0.025 volts

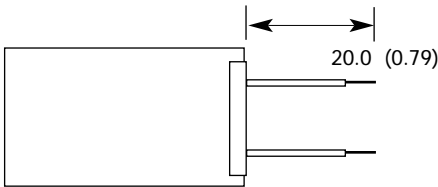
Under voltage limit: 2.3 ± 0.25 V

Maximum Current: 1.5 A @ RT

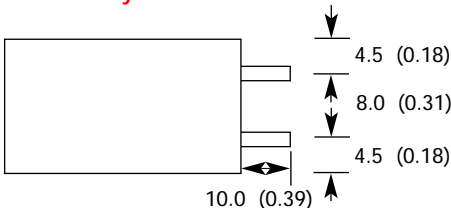
CHARGING: Maximum charge rate at C/2 to 4.20V in a temperature range of 0-45°C. Hold at 4.20V until current declines to C/10. Refer also to Safety Guide UBI-5112.

Options:

A. PCM W/Wires

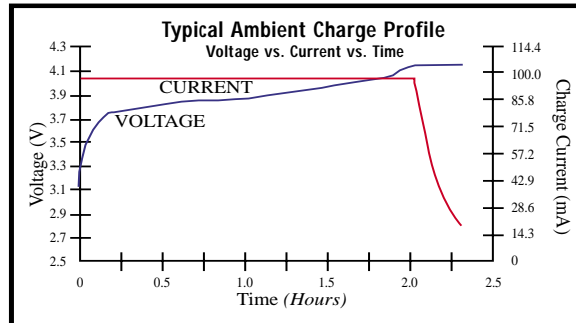
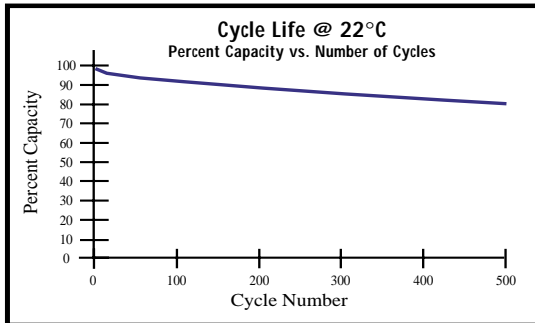
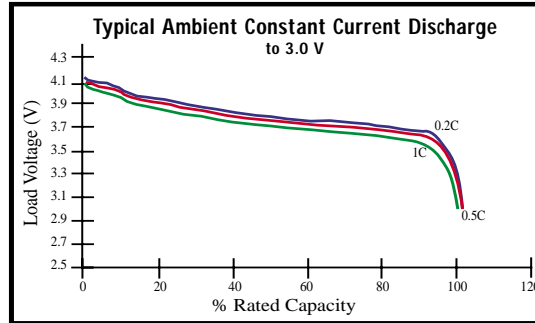


B.\*Tabs Only No PCM



\*Contact UBI for availability and for other termination options

## UBC641730/ Performance Characteristics



- Lithium polymer's thin, flat form factor accommodates tomorrow's thin application design requirements
- High energy density reduces weight without sacrificing performance
- Non-liquid electrolyte construction
- Discharge load characteristics, low-temperature and cycle performance similar to conventional Lithium Ion batteries based on liquid electrolytes

(1) For a complete description of transportation regulations and definitions of the transportation classifications "Excepted" and "Class 9," refer to Ultralife's web site at:

[http://www.ulbi.com/whitepapers/Ultralife\\_Batteries\\_Lithium\\_Battery\\_Transportation\\_Regulations.pdf](http://www.ulbi.com/whitepapers/Ultralife_Batteries_Lithium_Battery_Transportation_Regulations.pdf)

