LiPol Battery 3.7V LP401030 90mAh

**Mechanical Characteristics**
- **Cell**: LP401030
- **PCM**: Yes
- **NTC**: No
- **Configuration**: 1S1P
- **Weight**: appr. 2g

**Electrical Specification**
- **Rated Capacity**: 90mAh min, 95mAh typ.
- **Nominal Voltage**: 3.7V
- **Watt-Hour Rating**: 0.33Wh
- **Max. Operating Voltage Range**: 2.75V to 4.20V
- **Max. Charge Voltage**: 4.2V ± 50mV
- **Max. Charge Current**: 45mA
- **Max. Continuous Discharge Current**: 90mA
- **Discharge Cut Off**: 2.75V
- **Internal Impedance**: <400mΩ
- **Expected Cycle Life**: 500 cycles ≥ 80%

**Cell Protection**
- **Overcharge Detection**: 4.275 ±50mV (0.7 to 1.3sec. delay, release 4.275V ±50mV)
- **Overdischarge Detection**: 2.75V ±50mV (14 to 26msec. delay, resume 2.50V ±50mV)
- **Overcurrent Detection**: 2A to 4.5A (8 to 16msec. delay)

**Ambient Conditions**
- **Charge Temp. Range**: 0 to +45°C
- **Discharge Temp. Range**: -20 to +60°C
- **Storage Temp. Range**: 1 year at -20 to +30°C >70%
- **Humidity**: 65 ±20%RH

**Environmental and Safety**
Please follow LiPol Handling and Safety Precautions for Lithium Polymer Battery.

This battery meets the requirements of Battery Directives, and the battery parts are IEC 62133 & RoHS-Compliant. For more safety precautions and performance standards, please go to www.lipolbattery.com/support.html

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