

GP Batteries

Data Sheet

Model No.: VML001

Document Number: SDS0446

Revision: 01

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Specifications:

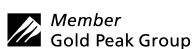
Model No	:	VML001
For use with	:	MINOLTA DiIMAGE X, DiIMAGE Xi
Color	:	Light Grey (LGY)
Battery Type	:	Lithium Ion
Battery	:	1 x GP493048L72R-A
Nominal Voltage	:	3.7V
Maximum Charge Voltage	:	4.2V
Discharge Cut Off Voltage	:	2.8V
Typical Capacity	:	750mAh at 0.2C**
Minimum Capacity	:	650mAh at 0.2C**
Temperature Range	:	Charge: 0 ~ 45° C Discharge: -30 ~ 60° C Storage: -30 ~ 60° C
Casing Material	:	PC+ABS
Typical Weight	:	25.2g
Safety	:	Each battery pack has a protection circuit and a polyswitch that would protect against over-voltage, over-discharge and over-current abuses occur. Each Lithium Ion cell is provided with several internal safety features to prevent over-charge, over-current and to resist physical abuse. These features include a temperature sensitive shut-down separator and a safety vent.
Warranty	:	Six (6) months limited warranty from date of purchase.

*1 Data valid only when the battery pack is on fully charged condition.

**1 Battery pack should be firstly charged and discharged for 3 complete cycles as a warm-up.

(Details refer to Lithium-Ion Battery Product Specification.)

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Manufacturer reserves the right to alter or amend the design, model and specification without prior notice.

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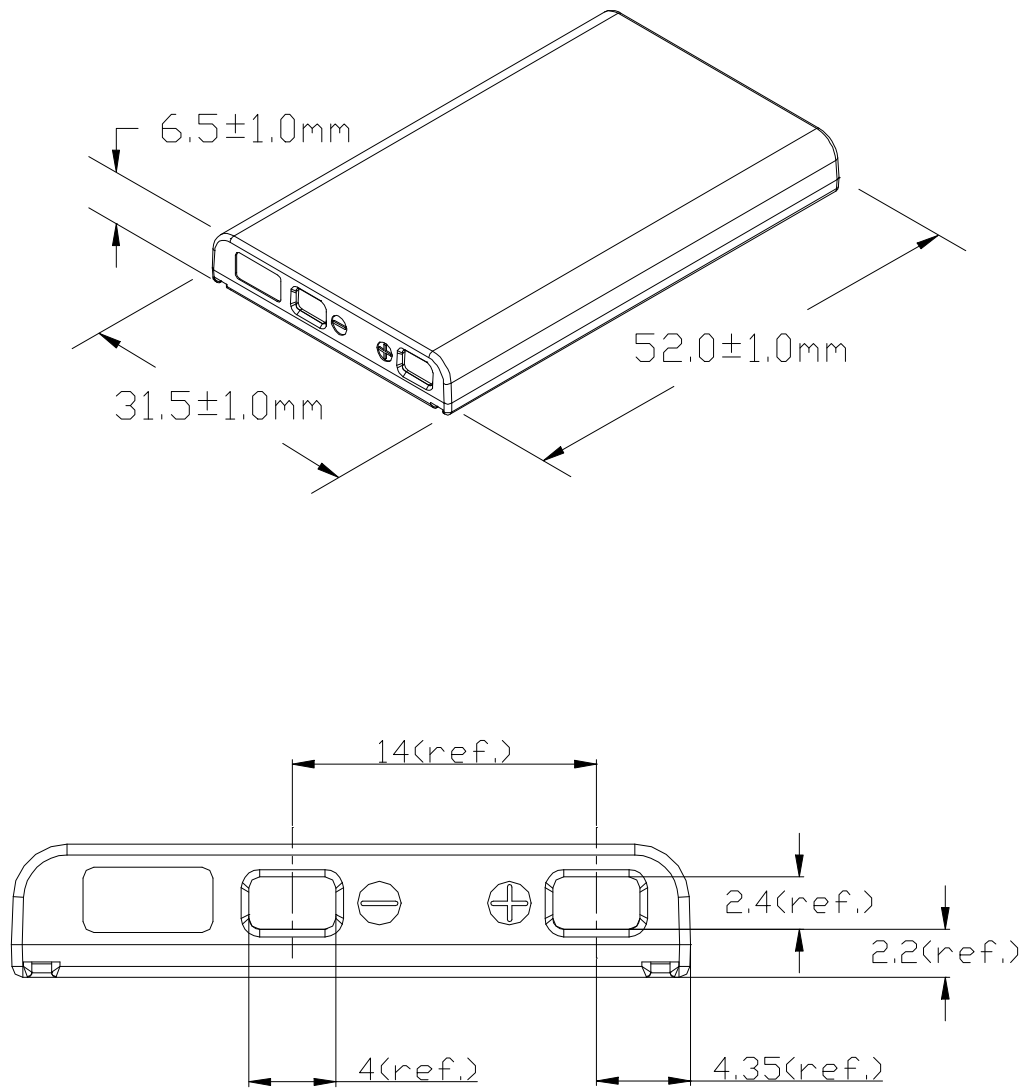
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Mechanical Drawing:



Remark: Dimensions showed are for reference only. For details, please refer to the engineering drawing.

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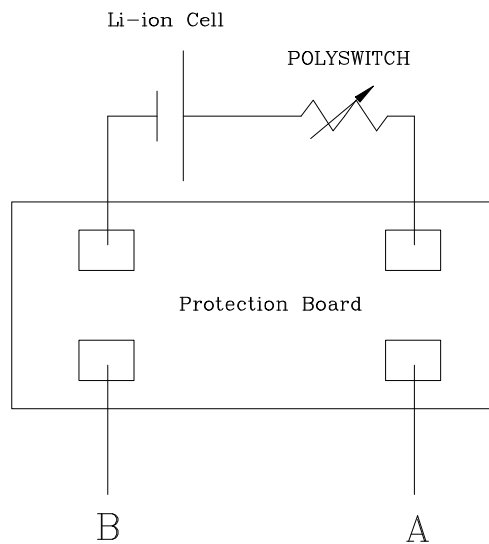
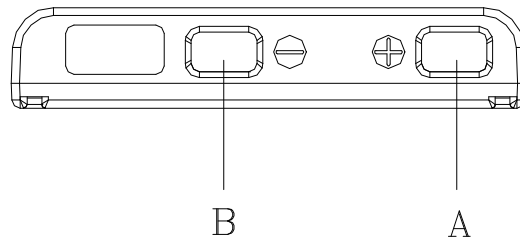
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Circuit Diagram:



OCV	A-B	3.7V MIN, TERMINAL A IS +VE
CHECK POINT	SPECIFICATION	