


### Revision History

Revision	Date	Initiator	Reason for Change
0	2008/12/09	Anny Xie	New Issue
1	2009/04/13	Anny Xie	Modify the “Dimensions”
2	2009/06/26	Anny Xie	Modify the “Shelf Life”
3	2012/03/19	Irence Ling	Modify the “Shelf Life” : “Not less than 90% of the service capacity within first year storage at 20 ± 2°C 55 ± 20%RH”
4	2012/03/29	Irence Ling	Modify the “Description”
5	2014/07/07	Ming Ma	Modify the diameter

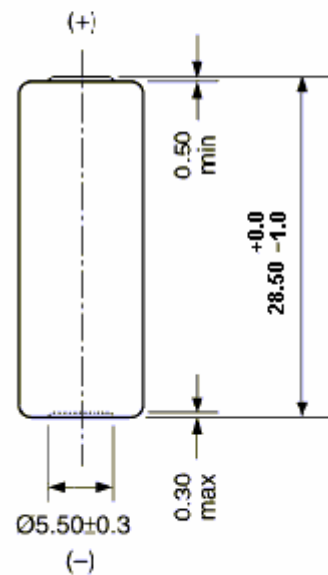
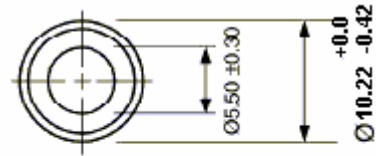
Prepared By	Approved By
Ming Ma	Edward Chan 
Date: 2014/07/07	Date: 2014/07/07

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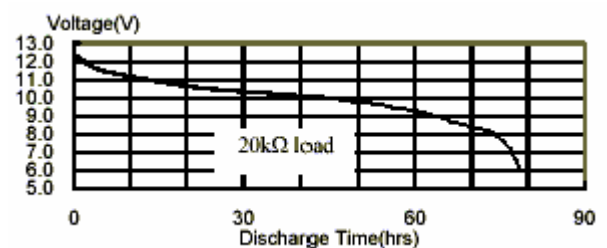
Model No.: **GP23AF**

<b>Description</b>	: Mercury Free & Lead Free Alkaline High Voltage Multicell
<b>Nominal Voltage</b>	: 12Volts
<b>Nominal Dimensions</b>	: Ø10.22mm×28.5mm
<b>Terminal</b>	: Nickel plated flat contacts - protruded red(+); recessed black (-)
<b>Jacket</b>	: Metal jacket
<b>Internal Connection</b>	: Pressure
<b>Applications</b>	: Remote controller
<b>Average Weight</b>	: 7.5g
<b>Date Code</b>	: Unless otherwise specified, each batteries will carry a numeric year code and analogue month code (+)
<b>Shelf Life</b>	: Not less than 90% of the service capacity within first year storage at 20 ± 2 °C 55 ± 20 %RH
<b>Insulation</b>	: 5MΩ min.
<b>Resistance</b>	
<b>Close Circuit Voltage</b>	: 9.5 Volts (min.)(load resistor 800Ω at 20 ± 2 °C for 0.1 to 2 seconds)
<b>Current Drain</b>	: Under 15mA pulse, 0.5mA continuous
<b>Nominal Service Life</b>	: 74hrs (at 20kΩ load) (to 6.0V at 20 ± 2 °C)
<b>Average Service</b>	: 38mAh(at 20kΩ load)
<b>Capacity</b>	
	(to 6.0V at 20 ± 2 °C)



Unit : mm

Typical Discharge characteristics at 20 ± 2 °C



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