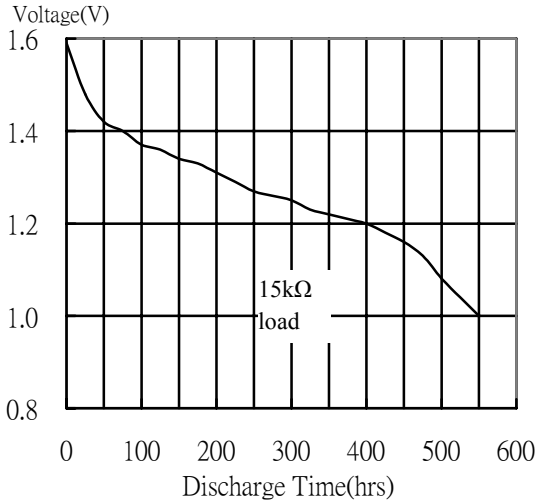
GP Batteries

Data Sheet ***M odel No.: GP189***

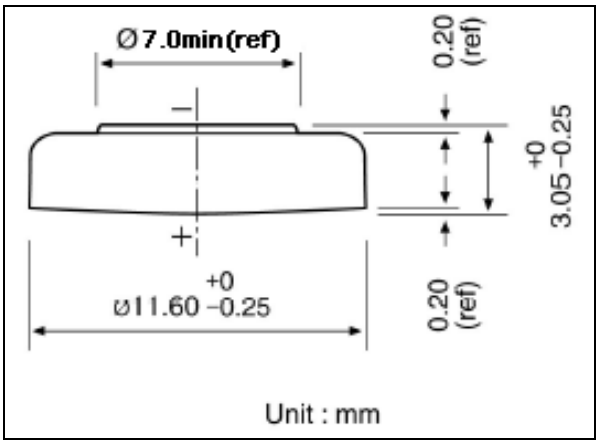
Type	: Alkaline Low Drain Button Cell
Chemical System	: Alkaline Manganese Dioxide
Nominal Voltage	: 1.5Volts
Nominal Dimensions	: Ø11.6mm×3.05mm
Application	: Watch (with alarm), calculator, electronic toys, melody card, ... etc.
Average Weight	: 1.0g
Date Code	: Unless otherwise specified, each cell Will carry a numeric year code and an alpha betical month code.
Shelf Life	: Not less than 90% of the service capacity within first year. , not less than 85% of the service capacity with third year storage at 20 ± 2 °C 45-7 5%RH.
Close Circuit Voltage	: 1.30 Volts (min.)(load resistor 100Ω at 20 ± 2 °C for 0.1 to 2 seconds)
Nominal Service Life (to 1.0V at 20 ± 2 °C)	: 660hrs (at 20 kΩ load) 140 days (at 100 kΩ load)
Average Service Capacity (to 1.0V at 20 ± 2 °C)	: 44mAh(at 15 kΩ load)

Typical Discharge characteristics at 20 ± 2 °C



Cross References:

IEC	JIS		Eveready	Varta	Duracell
LR54	LR5	4	189	V10GA	LR54



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