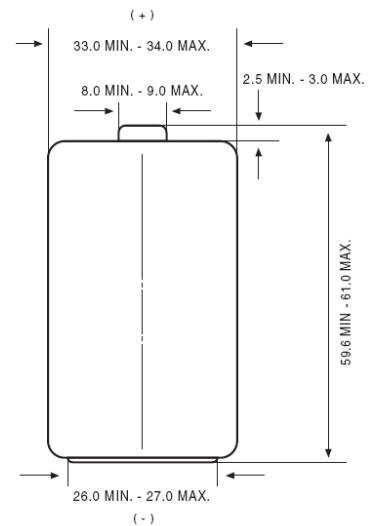


Primary Alkaline Manganese Cylindrical

Data Sheet

Type number	4120
Designation IEC System	LR20 Zn-MnO ₂ (Alkaline)
Shelf Life (Coding)*	7 years
Nominal Voltage [V]	1.5
Typical Capacity C [mAh]	16.500 (discharge with high-resistance)
Permissible Temperature Range	-10°C...50°C
Weight, approx. [g]	141
Volume [ccm]	51.3
Dimensions [mm]	



Typical Capacities (at 20°C)

Discharge Type	Load	End Voltage [V]	0.9
4M/H,8H/D,7D/W	2.2Ω	Time [h]	21.5
Portable Lighting			
Discharge Type	Load	End Voltage [V]	0.8
1H/D,7D/W	2.2Ω	Time [h]	24
Toys			
Discharge Type	Load	End Voltage [V]	0.9
4H/D,7D/W	10Ω	Time [h]	125
Transistor Radios			

* In consideration of typical loss of capacity at storage and application.