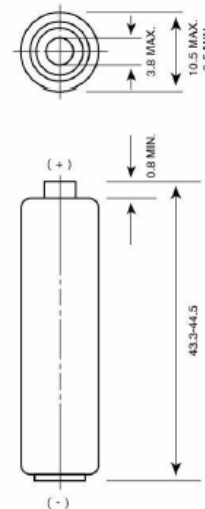


Primary Alkaline Manganese Cylindrical

Data Sheet

Type Number	4103
Designation IEC System	LR03 Zn-MnO ₂ (Alkaline)
Shelf Life (Coding)*	7 years
Nominal Voltage [V]	1.5
Typical Capacity C [mAh]	1200 (discharge with high-resistance)
Permissible Temperature Range	-10°C...50°C
Weight, approx. [g]	11
Volume [ccm]	3.8

Dimensions [mm]



Unit: mm

Typical Capacities (at 20°C)

Discharge Type	Load	End Voltage [V]	0.9
4M/H,8H/D,7D/W	5.1Ω	Time [m]	220
Portable Lighting			
Discharge Type	Load	End Voltage [V]	0.9
1H/D,7D/W	10Ω	Time [m]	480
Tape Recorders			
Discharge Type	Load	End Voltage [V]	0.9
4H/D,7D/W	75Ω	Time [h]	72.5
Transistor Radios			

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