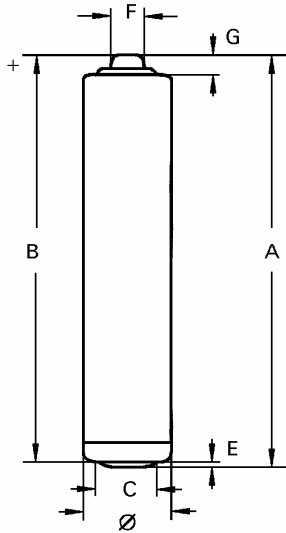


# Data Sheet

Recommended Application: Universal

High Energy  
**4903**



Type Designation	4903
Designation IEC	LR03
System	Zn-MnO <sub>2</sub> (Alkaline)
Shelf Life (Coding)*	5 years
Nominal Voltage [V]	1.5
Typical Capacity C [mAh]	1220 (discharge with high-resistance)
Permissible Temperature Range	- 10 °C ... 50 °C
Weight, approx. [g]	11
Volume [ccm]	3.5

Dimensions [mm] min: max:

∅	9.5	10.5
A	-	44.5
B	43.5	-
C	4.3	-
E	-	0.5
F	-	3.8
G	0.8	-

## Typical Capacities (at 20°C):

Discharge Type	Load	End Voltage[V]	1.0	0.9
4M/H, 8H/D, 7D/W Portable Lighting	5.1 Ω	Time [m]	215	250
		Capacity [mAh]	860	977
		Energy [mWh]	1062	1180
Discharge Type	Load	End Voltage[V]	1.0	0.9
1H/D, 7D/W Tape	10 Ω	Time [h]	7.65	8.70
		Capacity [Ah]	0.95	1.05
		Energy [Wh]	1.15	1.25
Discharge Type	Load	End Voltage[V]	1.0	0.9
15S/M, 8H/D Remote Control	24 Ω	Time [h]	17.60	20.60
		Capacity [mAh]	956	1085
		Energy [mWh]	1247	1386
Discharge Type	Load	End Voltage[V]	1.1	1.0
4H/D, 7D/W Transistor Radios	75 Ω	Time [h]	67.2	72.9
		Capacity [Ah]	1.15	1.22
		Energy [Wh]	1.47	1.54

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