



Type Designation	4103
Designation IEC	LR03
System	Zn-MnO <sub>2</sub> (Alkaline)
Shelf Life (Coding)*	10 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]	11,3
Volume [ccm]	3.5

### Dimensions [mm]

min: max:

Ø	9.5	10.5
A	-	44.5
B	43.3	-
C	4.3	-
E	-	0.5
F	-	3.8
G	0.8	-

### Typical Capacities (at 20°C):



Discharge Type	Load	End Voltage[V]	0.9
15S/M, 8H/D, 7D/W Remote control	24 Ω	Time [h]	20,6
		Capacity [mAh]	1091
		Energy [mWh]	1391
Discharge Type	Load	End Voltage[V]	0.9
4M/H, 8H/D, 7D/W Portable Lighting	5.1 Ω	Time [m]	259
		Capacity [mAh]	999
		Energy [mWh]	1191
Discharge Type	Load	End Voltage[V]	0.9
4H/D, 7D/W Transistor Radios	75 Ω	Time [h]	72,6
		Capacity [Ah]	1.20
		Energy [Wh]	1,51

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