



Type Designation	4103
Designation IEC	LR03
System	Zn-MnO <sub>2</sub> (Alkaline)
Shelf Life (Coding)*	5 years
Nominal Voltage [V]	1.5
Typical Capacity C [mAh]	1160 (discharge with high-resistance)
Permissible Temperature Range	- 10 °C ... 50 °C
Weight, approx. [g]	11,1
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
1H/12H, 7D/W	50 mA	Time [h]	21,5
Digital audio		Capacity [mAh]	1078
		Energy [mWh]	1328
Discharge Type	Load	End Voltage[V]	1.0
15S/M, 8H/D, 7D/W	24 Ω	Time [h]	20,3
Remote control		Capacity [mAh]	1066
		Energy [mWh]	1351
Discharge Type	Load	End Voltage[V]	0.9
4M/H, 8H/D, 7D/W	5,1 Ω	Time [min]	246
Portable lighting		Capacity [mAh]	946
		Energy [mWh]	1120
Discharge Type	Load	End Voltage[V]	0.8
1H/D 7D/W	5,1 Ω	Time [min]	255
Toy		Capacity [mAh]	920
		Energy [mWh]	1019

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