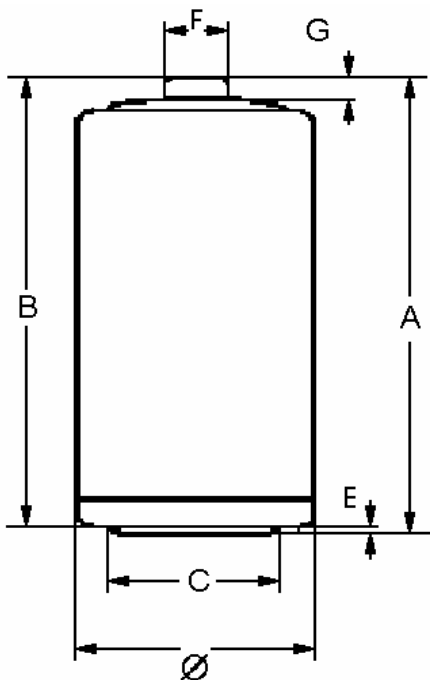


Data Sheet

Universal Applications

4020



Type Designation	4020
Designation IEC	LR20
System	Zn-MnO ₂ (Alkaline)
Shelf Life (Coding)*	5 years
Nominal Voltage [V]	1.5
Typical Capacity C [mAh]	16500 (discharge with high-resistance)
Permissible Temperature Range	- 10 °C ... 50 °C
Weight, approx. [g]	137
Volume [ccm]	51.3

Dimensions [mm] min: max:

Ø	32.3	34.2
A	-	61.5
B	59.5	-
C	18.0	-
E	-	1.0
F	-	9.5
G	1.5	-

Typical Capacities (at 20°C)

Discharge Type	Load	End Voltage[V]	1,0	0,9
4M/H,8H/D,7D/W	2.2 Ω	Time [m]	1220	1425
Portable Lightings		Capacity [Ah]	10,81	12,72
		Energy [Wh]	12,82	14,68
Discharge Type	Load	End Voltage[V]	0,9	0,8
1H/D,7D/W	2.2 Ω	Time [h]	23,85	27,20
Toys		Capacity [Ah]	12,10	13,35
		Energy [Wh]	13,45	14,78
Discharge Type	Load	End Voltage[V]	1,0	0,9
1H/D,7D/W	3.9 Ω	Time [h]	40,17	46,99
Tape Recorders		Capacity [Ah]	12,15	13,80
		Energy [Wh]	14,43	16,11
Discharge Type	Load	End Voltage[V]	1,0	0,9
4H/D,7D/W	10 Ω	Time [h]	117,5	128,98
Transistor Radios		Capacity [Ah]	14,46	15,56
		Energy [Wh]	17,94	18,99

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