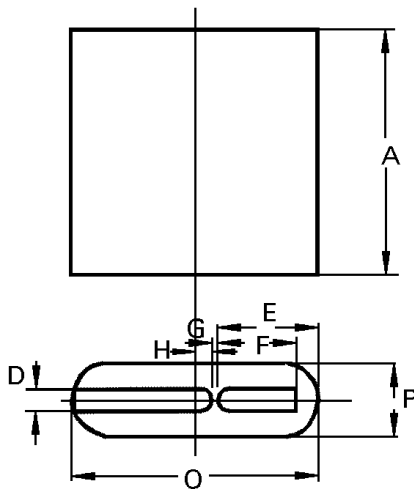


Data Sheet

Type Designation	2012
Designation IEC	3R12
System	Zn-MnO ₂ (Zinc Carbon)
Shelf Life (Coding)*	36 months
Nominal Voltage [V]	4.5
Typical Capacity C [mAh]	2200 (discharge with high-resistance)
Permissible Temperature Range	- 10 °C ... 50 °C
Weight, approx. [g]	101
Volume [ccm]	84.4



Dimensions [mm]	min:	max:
A	63.0	67.0
D	6.0	7.0
E	23.0	-
F	16.0	-
G	1.0	-
H	3.0	-
O	60.0	62.0
P	20.0	22.0

Typical Capacities (at 20°C)

Discharge Type	Load	End Voltage[V]	3.0	2.7
Portable Lighting	20 Ω	Time [h]	6.00	7.40
		Capacity [Ah]	1.04	1.25
		Energy [Wh]	3.65	4.25
Discharge Type	Load	End Voltage[V]	3.0	2.7
Transistor Radios	220 Ω	Time [h]	98.00	102.00
		Capacity [Ah]	1.70	1.77
		Energy [Wh]	6.50	6.65

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