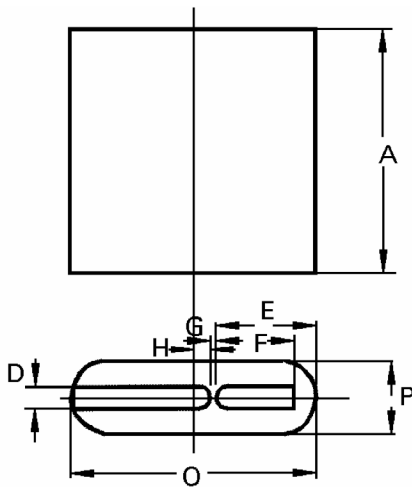


**Data Sheet**
**Powerful Applications**

Type Designation	4912
Designation IEC	3LR12
System	Zn-MnO <sub>2</sub> (Alkaline)
Shelf Life (Coding)*	5 years
Nominal Voltage [V]	4.5
Typical Capacity C [mAh]	6100 (load 225 Ω at 20°C down to 2.7V)
Permissible Temperature Range	- 10 °C ... 50 °C
Weight, approx. [g]	160
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
10M/D,7D/W	10 Ω	Time [m]	495	535
Pulse Test		Capacity [Ah]	2.85	3.05
		Energy [Wh]	10.05	10.65
Discharge Type	Load	End Voltage[V]	3.0	2.7
1H/D,7DM	20 Ω	Time [h]	22.50	25.50
Portable Lighting		Capacity [Ah]	4.20	4.40
		Energy [Wh]	15.40	16.40
Discharge Type	Load	End Voltage[V]	3.0	2.7
4H/D,7DM	75 Ω	Time [h]	97.50	115.50
Transistor Radios		Capacity [Ah]	4.95	5.60
		Energy [Wh]	18.90	20.70
Discharge Type	Load	End Voltage[V]	3.0	2.7
4H/D,7DM	220 Ω	Time [h]	313	370
Transistor Radios		Capacity [Ah]	5.40	6.10
		Energy [Wh]	20.50	22.50

**No publication or circulation of data to third parties without consent of VARTA Consumer Batteries**

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