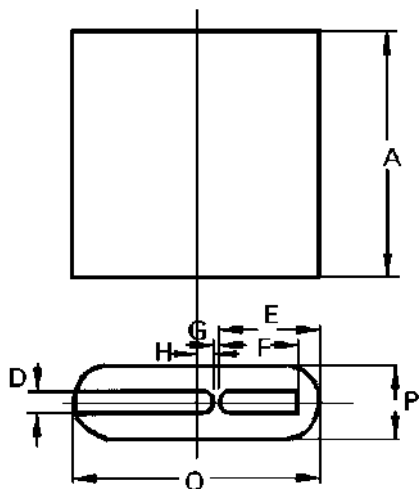




Type Designation	2012 / 4.5V
Designation IEC	3R12P
System	Carbon Zinc
Shelf Life (Coding)*	36 months
Nominal Voltage [V]	4.5
Typical Capacity C [mAh]	2000 (discharge with high resistance)
Permissible Temperature Range	-10°C ... 50°C
Weight approx. [g]	112
Volume [ccm]	84.4

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	7.65
1h/d, 7d/w				
Discharge Type	Load	End Voltage[V]	3.0	2.7
Transistor Radios	220 Ω	Time [h]	98.00	112.00
4h/d, 7d/w				

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