Data Sheet

Type Number: 5622
System: Nickel Metal Hydride/KOH Electrolyte
Nominal Voltage [V]: 8.4
Nominal Capacity C [mAh]: 140
Typical Capacity C [mAh]: 150
   at 28 mA / 7.00 V
Weight, approx. [g] 47
Dimensions [mm]: min. max.
   Length [l]: 47.5 48.5
   Width Facing [w]: 25.5 26.6
   Height [h]: 15.0 15.7
UL Recognition: MH 13654 (N)
Coding: TBA
Temperature Ranges [°C] min. max.
   Storage: less than 30 days -40 65
   Discharge: -20 65
   Charge: 0 65
Charging Method:
   Normal Charging: 14 mA for 14 – 16 h
   Accelerated Charging (20°C): 28 mA for 7-8 h
   Fast Charging: 70 mA for 3 h *
      Time controlled, voltage control recommended
   Trickle Charging: 4.2 mA
Overcharge (20°C):
   14 mA continuous
   28 mA up to 1 year
Charge Retention [%] at 20°C: 90
   Capacity available after 1 month Storage at 20°C
Internal Resistance [Ohm]: 5.6
   at charged cells, 20°C, DC: 0.2 CA/2 CA, (IEC 61951-2)
Impedance [Ohm]: 0.9
   at charged cells, 20°C, AC: 1kHz, (IEC 61951-2)
Typical Capacities [mAh]:
   at 140 mA / 6.3 V 88
Max. Discharge Current (cont.) [mA]: 280
Life Expectancy (typical):
   IEC Cycle: 1000 Cycles
   Trickle Charge: up to 6 years (20°C)
   Trickle Charge: up to 3 years (45°C)

* for fully discharged cells, 20 °C
Capacities based on normal charging

VARTA Microbattery GmbH, Daimlerstraße 1, D-73479 Ellwangen/Jagst
Tel.: (+49) 7961/921-0, Telefax: (+49) 7961/921-553
Subject to change without prior notice!
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