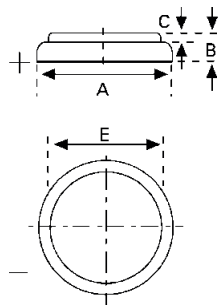


CR 1220



Type Number	6220
Designation IEC	CR 1220
System	Li-Manganese dioxide/ Organic Electrolyte
UL Recognition	MH 13654 (N)
Nominal Voltage	3 V
Typical Capacity C.....	35 mAh (Load 39 kOhm, at 20°C down to 2 V)

Weight (approx.)	0,8 g
Volume	0,2 ccm
Coding	Date of Manufacturing Month/Year

Temperature Ranges	min.	max.
Storage	-55°C	70°C
Discharge	-20°C	70°C ¹

Dimensions	min.	max.
Diameter (A)	12,20	12,50
Height (B)	1,80	2,00
Shoulder Diameter [E]	10,00	
Shoulder Height [C]	0,30	

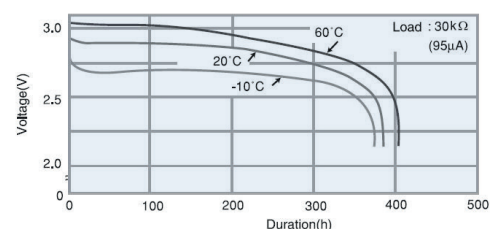
Typical Capacities (at 20°C)

DISCHARGE TYPE	LOAD	END VOLTAGE: 2,0 V
Continuous 24 h/d, 7 d/w Current [µA]	39000 Ω	Time: 480 h Capacity: 35 mAh Energy: 100 mWh

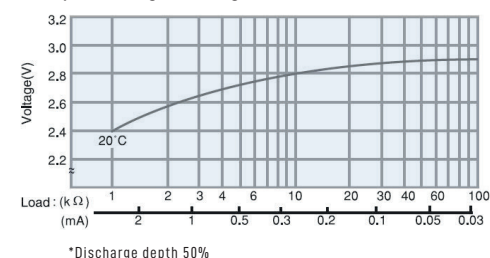
¹ Contact VARTA if the application is intended to be outside the range of -20°C to +70°C.² depending on environmental condition and energy consumption

Performance Data

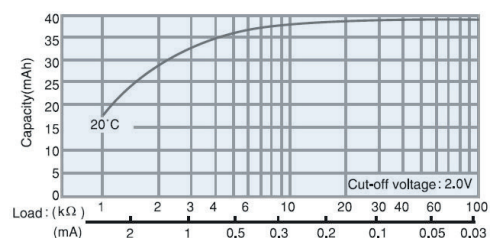
Temperature Characteristics



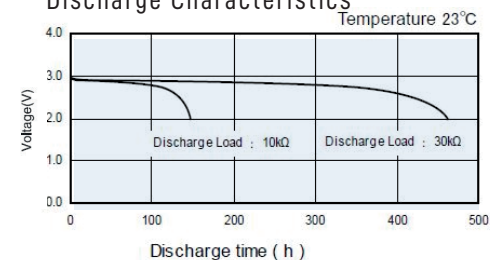
Operating Voltage vs. load resistance*



Capacity vs. load resistance



Discharge Characteristics



- Self-discharge rate < 1%/Y at room temperature
- Storage life > 10 years
- Operating life² > 10 years