Power-Xtra CR2450-104DV - 3V Lithium Li-MnO2 Battery - 3 Pins - Vertical

SPECIFICATIONS OF SINGLE CELL

Type Li-Mn02 Buton with Pins

Stock Code 900.600.503.030

Model CR2450, CR-2450, PX- CR2450-104DV

Model CR2450, CR-2450

TECHNICAL INFORMATIONS

Item	Specifications	Conditions
Nominal Voltage	3.0V	
Typical Capacity	550 mAh	Standard discharge with load 7.5kΩ
Instantaneous short–circuit current	≥250 mA	Time≤0.5 second
Off-load voltage	≥3.20 V	No load
Service Output - Initial	1550 h	Continuous discharge with load 7.5kΩ, till 2.0v end-voltage at 20~25℃
Service Output - After 12 months storage	1465 h	
Typical Weight	5.8 gr	
Recommended Storage Temperature Range	20+/-2°C	5years after delivery under proper storage conditions.
Recommended Operation Temperature Range	-20° C to 60°C	
Shelf Life	5-7 Years	Recommended Storage Range : 20+/-2°C Recommended Humidity Range : 65+/-20%RH

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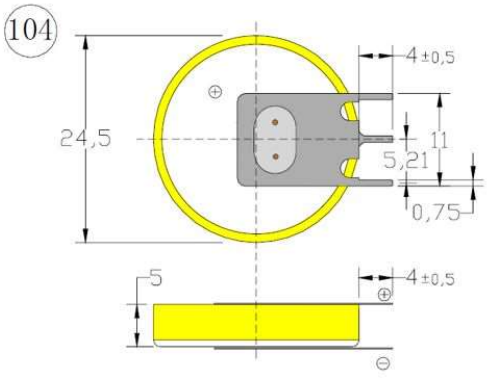
TECHNICAL INFORMATIONS

Item	Test Methods	STANDARED	
Dimension	Using vernier caliper (accuracy≥0.02) while avoiding short-circuit	Diameter	24.5 (-0.20) mm
		Height	5.0 (±0.1) mm
Off-load voltage	Using multimeter (accuracy≥0.25%) internal resistance≥1MΩ	≥3.20v	
Instantaneous short–circuit current	Time of short-circuit should be less than 0.5 second and avoid repeated test within half an hour	≥250 mA	
Appearance	Eyeballing	Bright, clean, no rust, no leakage, And no flaw	
Capacity	Continuously discharge with load 7.5kΩ, temperature at 20~25℃, humidity at 65±20% till 2.0v end-voltage (for fresh battery only: within 3 months)	≥1550 h	
Vibration test	Put battery on the platform of the vibrations machine, start the machine and adjust the frequency form 10 times per minute to 15 times per minute. keep it running for an hour	Characteristics keep stability	
Leakage at high temperature test	Stored under temperature (50℃) for 10 days	No leakage allowed	
Over discharge Test	After 2.0v end-voltage, continuously discharged for 5 hours	No leakage allowed	

Image	Technical Drawing	STANDARD	
		Diameter	24.5 (-0.2) mm
		Height	50.0 (±0.1) mm