

CR2016 Panasonic, CR2016 Datasheet

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CR2016	
Manufacturer Part Number	CR2016
Description	Battery; Manganese Dioxide; 3 V (Nom.); 90 mA; -30 degC; degC; 10; 1.6 g
Manufacturer	Panasonic
Datasheet	1. CR2025.pdf (5 pages)

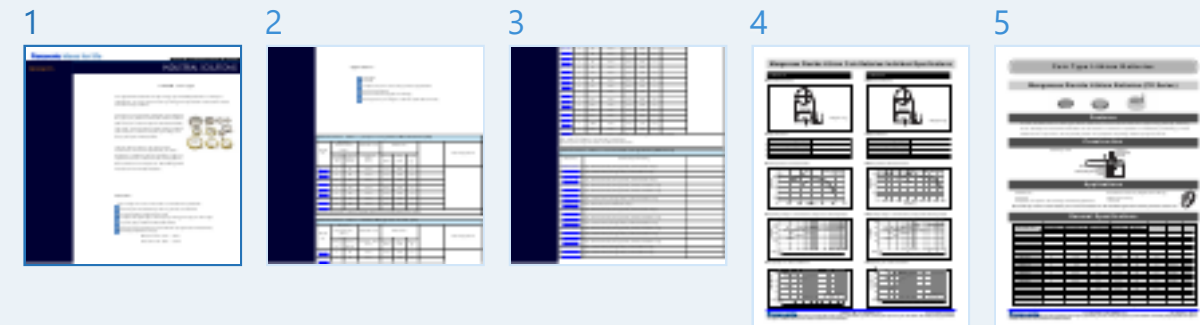
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Specifications of CR2016

Brand/series	CR Series	Capacity	90 mAh
Chemical System	Lithium-Manganese Dioxide	Dimensions	1.6mmH×20mmDia.
Primary Type	Primary (Non-Rechargeable)	Shelf Life	10 yr.
Size	Coin/Button	Temperature, Operating	-30 to +60 °C
Temperature, Operating, Maximum	+60 °C	Temperature, Operating, Minimum	-30 °C
Termination	Pressure Contact	Voltage, Battery	3 V (Nom.)
Voltage, Rating	3 V	Weight	1.6 Grams
Lead Free Status / Rohs Status	RoHS Exempt Product		

Available stocks

Company	Part Number	Manufacturer	Quantity	Price
Bonase Electronics (HK) Co., Limited	CR2016	Powersafe	4 000	
Bonase Electronics (HK) Co., Limited	CR2016	AbacusEI	6 600	



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PRODUCTS

INDUSTRIAL SOLUTIONS

LITHIUM - Coin Type

Coin type lithium batteries are high energy, high reliability batteries for a variety of applications. The full 3 volts in these high energy density batteries is about twice that of conventional dry batteries.

Panasonic coin type lithium batteries are available in two types: poly-carbonmonofluoride lithium batteries (BR series) for uses that require extended reliability and safety, and manganese dioxide lithium batteries (CR series) for uses that require high voltage and strong load pulse characteristics.

The CR Lithium primary coin cells contain Perchlorate over the limit specified by the state legislature of California and are therefore subject to requirements in the California Code of Regulations, title 22, division 4.5: Chapter 33 – Best Management Practices for Perchlorate Materials.

Features:

- High voltage of 3 volts - twice that of conventional dry batteries
- Extremely small self-discharge for long service and shelf life
- A wide operational temperature range
- Compact and lightweight; extremely high energy density per unit weight
- Very safe (poly-carbonmonofluoride lithium)
- Extremely strong load pulse characteristics (manganese dioxide lithium)
- Operating temperature range:
 - BR Coin Cells: -30°C ~ +80°C
 - CR Coin Cells: -30°C ~ +60°C

1 2 3 4 5

Related parts for CR2016

Image	Part Number	Description	Manufacturer	Datasheet	Request
	CR-2477-1HF	Battery; CR Lithium-Coin; 3 V; 1000; 0.45 lbs.	Panasonic	(8 pages)	Request
	CR-P2	Battery; Lithium; 1400 mAh; 6 V; 19.5 mm x 35 mm Dia. X 36 mm H; 37 g	Panasonic	(1 page)	Request
	CR-V3	Battery, Lithium, 3.0 v, 3000mAh, Pressure	Dantona Industries, Inc.		Request
	CR1632	Battery; CR Lithium-Coin; 3 V; 120; 0.45 lbs.	Panasonic	(6 pages)	Request
	CR2477-HFN	Battery; CR Lithium-Coin; 3 V; 1000; 0.45 Lbs.	Panasonic	(5 pages)	Request
	CR2477/BN	Battery; CR Lithium-Coin; 3 V; 1000; 0.45 Lbs.	Panasonic	(5 pages)	Request
	CR2032	Battery, LITHIUM High Energy, 3 Volts, 230 mAh, Coin Cell	Panasonic	(6 pages)	Request
	CR123A	Battery; Lithium; 1400 mAh; 3 V; 17 mm Dia. X 34.50 mm H; 17 g	Panasonic	(2 pages)	Request
	CR2354	Battery, Lithium, 3v, 560ma, Coin cell	Panasonic	(6 pages)	Request
	CR2025	Battery, Lithium, Coin Type, 3 Volt	Panasonic	(5 pages)	Request
	MN6047		Panasonic	(2 pages)	Request
	MN3671RE	Color CCD Linear Image Sensor with 1024 Pixels for R and B Colors/2048 Pixels for G Color	Panasonic	(6 pages)	Request
	MN3610	2048-Bit CCD Linear Image Sensor	Panasonic	(8 pages)	Request
	MN3615	2592-Bit CCD Linear Image Sensor	Panasonic	(8 pages)	Request
	MN3644D	2048-Bit High-Responsivity CCD Linear Image Sensor with Internal Clock Driver	Panasonic	(7 pages)	Request

CR2016 Summary of contents

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... Coin type lithium batteries are high energy, high reliability batteries for a variety of applications. The full 3 volts in these high energy density batteries is about twice that of conventional dry batteries. Panasonic coin type lithium batteries are available in two types: poly-carbonmonofluoride lithium batteries (BR series) for uses that require extended reliability ...

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Applications: Calculators Cameras Compact, low power consuming cordless applications Electronic translators Electronic watches (digital and analog) Memory back-up in all types of devices (with tab terminals) Technical Data - Table 1 - (CF)n/LI: Poly-Carbon Monofluoride (BR) Electrical Characteristics Standard Load ...

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... CR1220 3 35 0.10 CR1612 3 40 0.10 CR1616 3 55 0.10 CR1620 3 75 0.10 CR1632 3 140 0.10 CR2016 3 90 0.10 CR2025 3 165 0.20 CR2032 3 225 0.20 CR2330 3 265 0.20 CR2354 3 560 0.20 CR2412 3 100 0.20 CR2450 3 620 0.20 CR2477 3 1000 0.20 CR3032 3 500 0.20 * Nominal capacity shown is based on standard drain and cut off voltage down to 2.0V at 20° ...

Related keywords

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