

1-800-383-7323 USA/CAN www.energizer.com

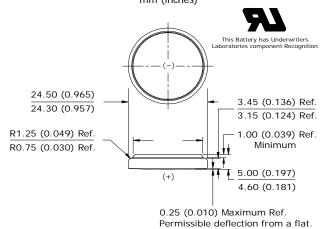
## **ENERGIZER CR2450**

# Lithium Coin



## **Industry Standard Dimensions**

mm (inches)



## **Specifications**

Classification: "Lithium Coin"

Chemical System: Lithium / Manganese Dioxide (Li/MnO<sub>2</sub>)
Designation: ANSI / NEDA-5029LC, IEC-CR2450

Nominal Voltage: 3.0 Volts

**Typical Capacity:** 620 mAh (to 2.0 volts) (Rated at 7.5K ohms at 21°C)

Typical Weight: 6.8 grams (0.22 oz.)

**Typical Volume:** 2.4 cubic centimeters (0.14 cubic inch)

Max Rev Charge: 1 microampere

Energy Density: 183 milliwatt hr/g, 647 milliwatt hr/cc

Typical Li Content: 0.47 grams (0.017 oz.)

UL Listed: MH12454

Shipping: For complete details, please reference: Global (except US): Special Provision A45 of the International

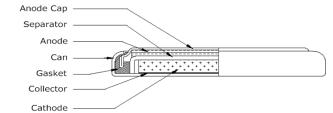
Air Transport Association Dangerous

**Goods Regulations** 

United States: 49 CFR 173.185

**Safety** - lithium coin batteries lodged in the esophagus should be removed immediately. Leakage, chemical burns and potential perforation can occur within hours of ingestion. Seek medical attention immediately. Have physician call the NATIONAL BATTERY INGESTION HOTLINE for advice and follow-up (202)-625-3333) collect day or night.

## Cross Section



## **Simulated Application test**

Typical Performance at 21°C (70°F)

Schedule:	Typical Drains:	Load	Cutoff
	at 2.9V		2.0V
	(mA)	(ohms)	(hours)
Continuous	0.39	7,500	1,590

Typical Discharge Characteristics

Load: 7.5K ohms - Continuous

Typical Drain @ 2.9V: 0.39 mA

#### **Internal Resistance Characteristics**

Pulse Test at 21°C (70°F)

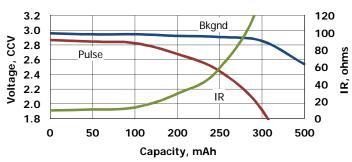
Bkgnd Drain: Continuous

7.5K ohms 0.39 mA @2.9V

Pulse Drain: 2 seconds X 12 times/day

300 ohms 9.0 mA @2.7V





#### **Important Notice**

This datasheet contains typical information specific to products manufactured at the time of its publication.

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Form No. EBC - 4123H Page 1 of 1