



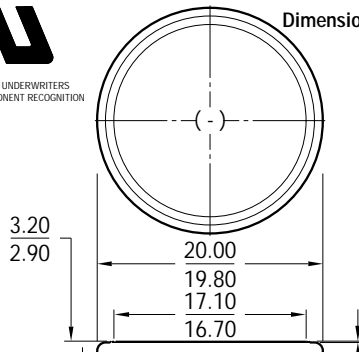
Eveready Battery Company, Inc.
 Checkerboard Square
 St. Louis, MO 63164
 Telephone: 1-800-383-7323
 Internet: www.energizer.com

Engineering Data

ENERGIZER NO. CR2032



Dimensions (mm)

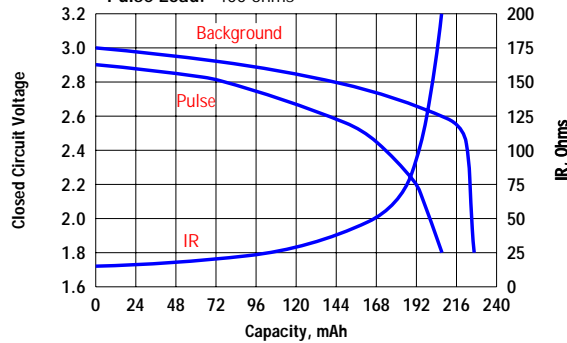


Millimeters	Inches
.03	.001
.20	.008
2.90	.114
3.20	.126
16.70	.657
17.10	.673
19.80	.780
20.00	.787

.20 Maximum Permissible Deflection from a Flat.
 (+) .03 Minimum (Applies to Top Edge of Gasket or Edge of Crimp, Whichever is Higher.)

INTERNAL RESISTANCE CHARACTERISTICS Pulse Test at 21°C (70°F)

Schedule: continuous for background
 2 secs. X 12 times/day for pulse
 Typical Background Drain @ 2.95V (milliamperes):
 .295 milliamperes
 Typical Pulse Drain @ 2.9V (milliamperes):
 7.3 milliamperes
 Background Load: 10K ohms
 Pulse Load: 400 ohms



SIMULATED APPLICATION TESTS Estimated Average Service at 21°C (70°F)

Schedule	Typical Drains @ 2.9V (microamperes)	Load (ohms)	CUTOFF VOLTAGE
			2.0V hours
24 hours / day	97	30,000	2250
24 hours / day	193	15,000	1184
24 hours / day	290	10,000	800
24 hours / day	440	6,500	511

Chemical System: Lithium/Manganese Dioxide (Li/MnO₂)

Designation: ANSI / NEDA-5004LC, IEC-CR2032

Battery Voltage: 3 Volts

Average Weight: 3.3 grams (.12 oz.)

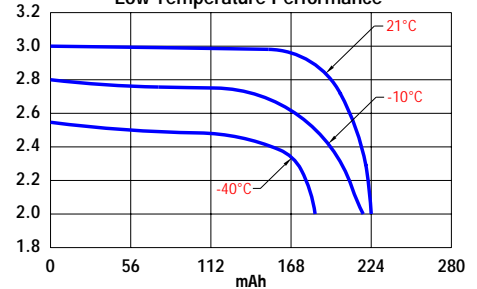
Volume: 1.0 cubic centimeters (.06 cubic inch)

Average Service Capacity (to 2.0 Volt): 225 mAh
 (Rated capacity at 10K ohms at 21°C)

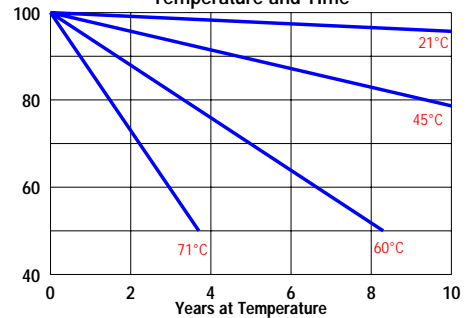
Max. Reverse Charging Current: 1 microampere

Energy Density: 205 milliwatt hr/gm, 675 milliwatt hr/cc

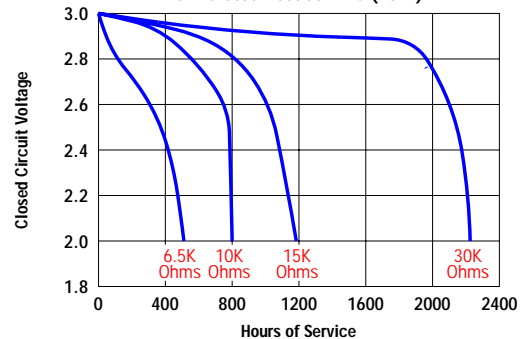
Low Temperature Performance



Service Maintenance as a Function of Storage Temperature and Time



TYPICAL DISCHARGE CHARACTERISTICS Simulated Test at 21°C (70°F)



IMPORTANT NOTICE

This data sheet contains information specific to batteries manufactured at time of its publication. Please contact your Energizer representative for most current information. Contents herein do not constitute a warranty.