



KEY FEATURES:

This cell is designed to maintain high capacitance and low resistance throughout the entirety of its operable temperature range. These cells are vibration and shock resistant. The minimum operating temperature of -55°C makes the cell an ideal candidate for applications operating at high altitude, such as flight data recorders and high-altitude distributed power buffering.

TECHNICAL SPECIFICATIONS

Test	Description	Min	Typ	Max	Units
Electrical					
Rated Capacitance	Cell Capacitance at Room Temperature	35	38	40	F
Rated Low Temperature Capacitance	Cell Capacitance at -55°C	30	35	40	F
Operating Voltage	Rated Voltage at Max Operating Temperature		2		V
Series Resistance	Cell Equivalent Series Resistance at Room Temperature	25	30	35	mΩ
Low Temperature Series Resistance	Cell Equivalent Series Resistance at -55°C	35	40	45	mΩ
Leakage Current @ Rated Voltage High Temp	Leakage Current after 72 hours at 2V and 85°C	0.2	0.3	0.4	mA
Leakage Current @ Rated Voltage Low Temp	Leakage Current after 72 hours at 2V and -55°C	0.001	0.005	0.01	mA
Operating Temperature		-55		85	°C
Storage Temperature	Fully Discharged Cell	-65		100	°C
Physical					
Diameter			0.531		in
Height			2.193		in
Mass			21		grams
Shock Resistance			500		g
Vibration resistance			20		gRMS
Hermiticity	At altitude		100.000		ft

Disclaimer

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