



**KEY FEATURES:**

- Designed to maintain high capacitance and low resistance throughout entire operable temperature range
- Vibration and shock resistant
- Minimum operating temperature of -55°C
- Ideal candidate for applications operating at high altitude
  - e.g., flight data recorders and high-altitude distributed power buffering



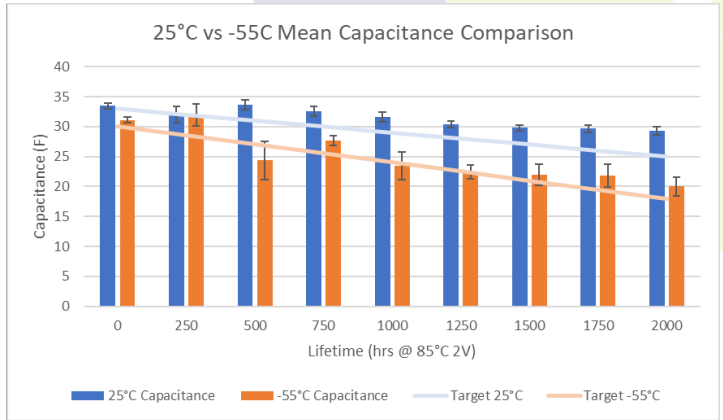
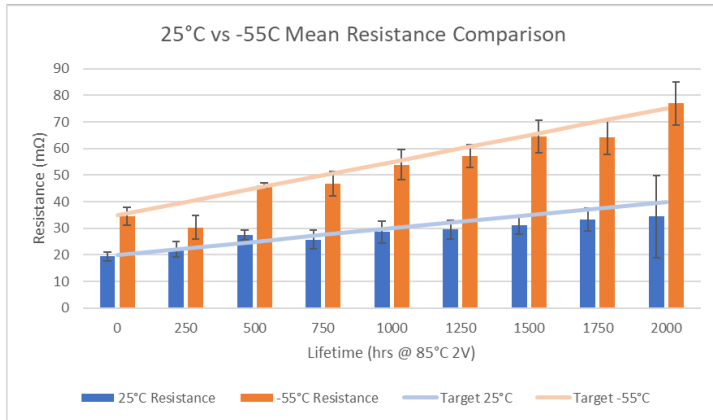
**TECHNICAL SPECIFICATIONS**

Test	Description	Min	Typ	Max	Units
<b>Electrical</b>					
Rated Capacitance	Room Temperature	35	38	40	F
Rated Low Temperature Capacitance	-55°C	30	35	40	F
Rated Voltage			2		V
Series Resistance	Room Temperature	25	30	35	mΩ
Low Temperature Series Resistance	-55°C	35	40	45	mΩ
Leakage Current @ Rated Voltage High Temp	After 72 hours	0.2	0.3	0.4	mA
Leakage Current @ Rated Voltage Low Temp	After 72 hours	0.001	0.005	0.01	mA
Operating Temperature		-55		85	°C
Storage Temperature	Fully Discharged Cell	-65		100	°C
<b>Physical</b>					
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**

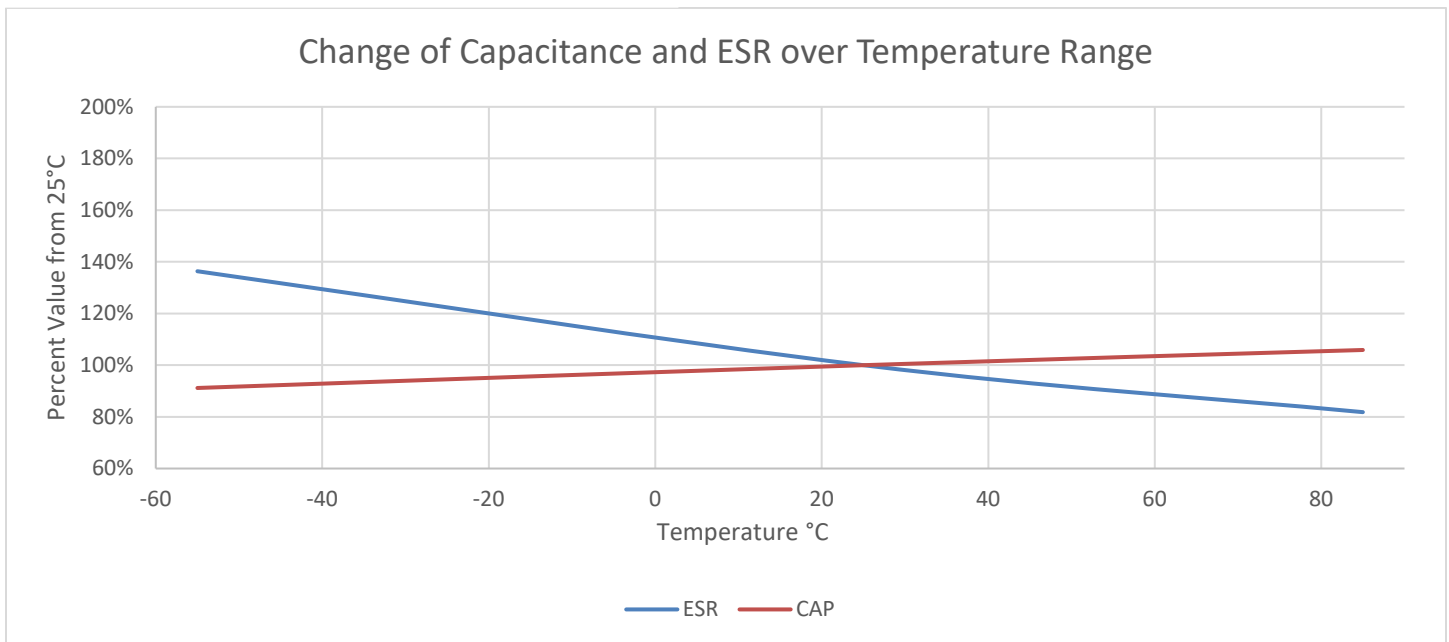
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- Less than 50% room temperature ESR degradation after 2000 hours of lifetime at 85°C.
- Less than 100% -55°C ESR degradation after 2000 hours of lifetime at 85°C.

- Less than 15% room temperature capacity degradation after 2000 hours of lifetime at 85°C.
- Less than 40% -55°C capacity degradation after 2000 hours of lifetime at 85°C.



- Initial capacity rating within 10% of room temperature rating between -55°C and 85°C
- Initial ESR rating within 40% of room temperature rating between -55°C and 85°C

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