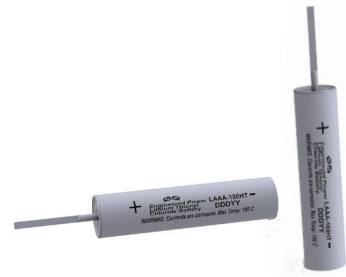


LAAA-180HT | Battery Cell

ENGINEERED POWER, BATTERY DATA SHEET

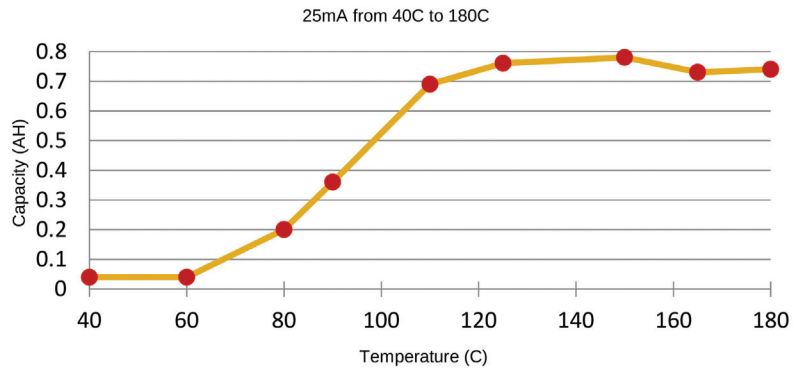


DOT Tested · Hermetically Sealed · High Quality · Reliable & Safe

Serviceability is part of our promise. Engineered Power's global network of engineers provides localized expert design, experienced service knowledge, and timely product delivery where you want it and when you need it.

Battery Features

- primary
- lithium thionyl chloride
- high energy
- extreme temperature
- low rate
- custom terminations



Technical Data

Capacity:
0.7 AH Nominal

Voltage:
3.67 V OCV
3.65 V CCV - 25 mA, 180°C

Constant Current Capability:
25 mA Nominal
50 mA Max

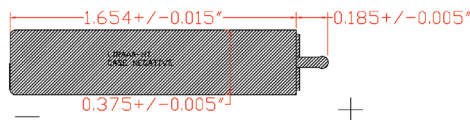
Operating Temperature:
+104°F to +356°F
+40°C to +180°C

Physical Data

Diameter:
0.375 inch $\pm$ 0.005 (9.5 mm)

Height:
1.654 inch $\pm$ 0.015 (42.0 mm)

Weight:
0.26 ounces (7.5 grams $\pm$ 1)



Note: Dimensions are without heat shrink

Shock & Vibration Data

UN/DOT Certified

Shock Test:
1,000G 0.5 ms shocks in X,Y,Z axis at 150°C for 10 shocks

Vibration Test:
40GRMS vibration at 150°C

Suitable Applications

Measurement while drilling (MWD), down hole & pressure gauge applications, memory backup

Minimize Risk. Maximize Your Power.

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