THERMAL BATTERY
TECHNICAL DATA SHEET FOR BATTERY NO. EAP-12053C  DATE 9/27/10

TYPICAL PERFORMANCE (RISE TIME COLD 400 SEC. TO 45 VOLTS, HOT 350 SEC. TO 45 VOLTS)

- 70V MAX
- 45V MIN

ENIRONMENTAL REQUIREMENTS (OPERATING)
- Temperature: 130°F to -30°F
- Acceleration: 35G FORWARD, 15G AFT, 40G LATERAL
- Shock: 156G, 1.78 ms
- Vibration: RANDOM 7.42 grms ±X±Y
  - 7.28 grms ±Z
- Spin: NA
- Other:

ELECTRICAL REQUIREMENTS
- Voltage: 70 VOLTS MAXIMUM
  - 45 VOLTS MINIMUM, 43 VOLTS MINIMUM FROM 212 TO 222 SEC.
- Load:
  - 0-1.2 SEC. 35 AMPS
  - 1.2-3.0 SEC. - RAMP DOWN TO 6.875 AMPS
  - 3.0-6.0 SEC. - 6.875 AMPS
  - 6.0-7.5 SEC. - 22.5 AMPS
  - 7.5-212 SEC. - 6.875 AMPS
  - 212-222 SEC. - 25 AMPS 222 SEC. - LIFE- 5.875 AMPS
- Rise Time: 1 SEC.
- Life: 222 SEC.

Indicator: NONE
Case and Header Material: 304 STAINLESS STEEL
Terminal Material: 52 Fe/Ni ALLOY TIN PLATED

Nominal Weight 2 LBS
Nominal Volume 20.4 IN.³

OUTLINE CONFIGURATION