THERMAL BATTERY
TECHNICAL DATA SHEET FOR BATTERY NO. EAP-12188 DATE 06-09-94

ENVIRONMENTAL REQUIREMENTS (OPERATING)
Temperature: -40°C to +75°C/+80°C 30 MINUTES
Acceleration: N/A
Shock: N/A
Vibration:
- 10 Hz 0.010
- 20 Hz 0.040
- 30 Hz 0.040
- 35 Hz 0.020 [10.4 GRMS]
- 180 Hz 0.020
- 250 Hz 0.075
- 1000 Hz 0.075
- 2000 Hz -3dB/OCTAVE
Spin: N/A
Other: N/A

ELECTRICAL REQUIREMENTS
Voltage: 31.5 VDC MAX.
16.0 VDC MIN.
Load: 90 AMP BASE LOAD FROM 0 TO 40 SEC. WITH ONE 200 AMP, .40 SEC. PULSE AT 1.60 SEC. 75 AMP BASE LOAD FROM 40 TO 540 SEC. PLUS FOUR PULSES OF 110 AMP, 1.00 SEC., THEN 90 AMP, 4.00 SEC., AT 70, 170, 410, 490 SEC.
Rise Time: HOT: 1.2 SEC. MAX. TO 16.0 VDC
COLD: 1.6 SEC. MAX. TO 16.0 VDC
Life: 540 SECONDS
Activation: EP-360-3 PER MIL-STD-1512
Indicator: THERMOSTATIC SWITCH
Case and Header Material: 304 STAINLESS STEEL
Terminal Material: 52 Fe/Ni AND C1215 STEEL NICKEL PLATED

Nominal Weight 10.3 kg
Nominal Volume 160.4 in³

OUTLINE CONFIGURATION