THERMAL BATTERY
TECHNICAL DATA SHEET FOR BATTERY NO. EAP-12198  DATE 11-16-94

TYPICAL PERFORMANCE
(RISE TIME COLD .38 SEC. TO 23.0 VDC, HOT .38 SEC. TO 23.0 VDC)

33.0 VDC MAX.
6 AMP
30.0 VDC MAX.
6 AMP
23.0 VDC MIN.
18 AMP

VOLT-AMPS

HOT COLD Time SECONDS

ENVIRONMENTAL REQUIREMENTS (OPERATING)
Temperature: 0°F, +138°F
Acceleration: N/A
Shock: HIGH INTENSITY 5-1000 Hz 10-470g
HANDLING 4-1000 Hz 16-63g
PYROTECHNIC SHOCK 100-10000 Hz 34-146g
Vibration: TRANSPORTATION SINE 5-50 Hz, .5-3g
SHIP BOARD SINE 4-50 Hz, .1-3g
VIBRATION INDUCED REPETITIVE SHOCK 2-1000 Hz 1.2-37g
RANDOM VIBRATION 10-2000 Hz 5.56g
Spin: N/A
Other: N/A

ELECTRICAL REQUIREMENTS
Voltage: 33.0 VDC MAX.
23.0 VDC MIN.
Load: 0-40.0 SEC 6 AMPS MINIMUM
18.0 AMPS MAXIMUM

Rise Time: 1.0 SECONDS TO 23.0 VDC
Life: 40 SECONDS

Nominal Weight 1.28 lb
Nominal Volume 10.37 in³

OUTLINE CONFIGURATION

Activation: EP-250-12 PER MIL-I-23659
Indicator: 210°F TEMPERATURE SENSITIVE LABEL
Case and Header Material: TYPE 304 STAINLESS STEEL
Terminal Material: 52 IRON NICKEL ALLOY HOT SOLDER DIPPED