EAGLE-PICHER TECHNOLOGIES, LLC
FEDERAL SYSTEMS DIVISION, ORANGE SYSTEMS OPERATION
P. O. BOX 47, JOPLIN, MO. 64801
TELEPHONE: 417-623-8000

THERMAL BATTERY
TECHNICAL DATA SHEET FOR BATTERY NO. EAP-12194 DATE 06/09/94

TYPICAL PERFORMANCE
(RISE TIME COLD .250 TO -65°F, HOT .150 TO 160°F)

ENVIRONMENTAL REQUIREMENTS (OPERATING)
Temperature: -65°F MIN 165°F MAX
Acceleration: KIG’s WITH MIL-STD-810, METHOD 513.4, PROCEDURE I.
Shock: MIL-STD-810, METHOD 516.4, PROCEDURE I;
36G/30 MSEC.
Vibration: MIL-STD-810, METHOD 514.4,
15.41 GRMS.
Spin: N/A
Other: BENCH TEST (ROOM AMBIENT).

ELECTRICAL REQUIREMENTS
Voltage: 24.0 VDC MIN; 35.0 VDC MAX.
Load: MAX: 0–1 SEC : .3 AMPS MIN: .3 AMPS CONSTANT
1–10 SEC : .8 AMPS
10–12 SEC : 1.85 AMPS
918–920 SEC : .8 AMPS
918–920 SEC : 1.85 AMPS
Rise Time: 1.0 SEC TO 24.0 Vdc
Life: 920 SECONDS
Indicator: TEMPPANEL 210°F AND THERMOSTATIC SWITCH
Case and Header Material: TYPE 304 STAINLESS STEEL
Terminal Material: 52 Fe/Ni ALLOY HOT SOLDER DIPPED

Nominal Weight ______ 1249.2 g
Nominal Volume ______ 18.82 in^3