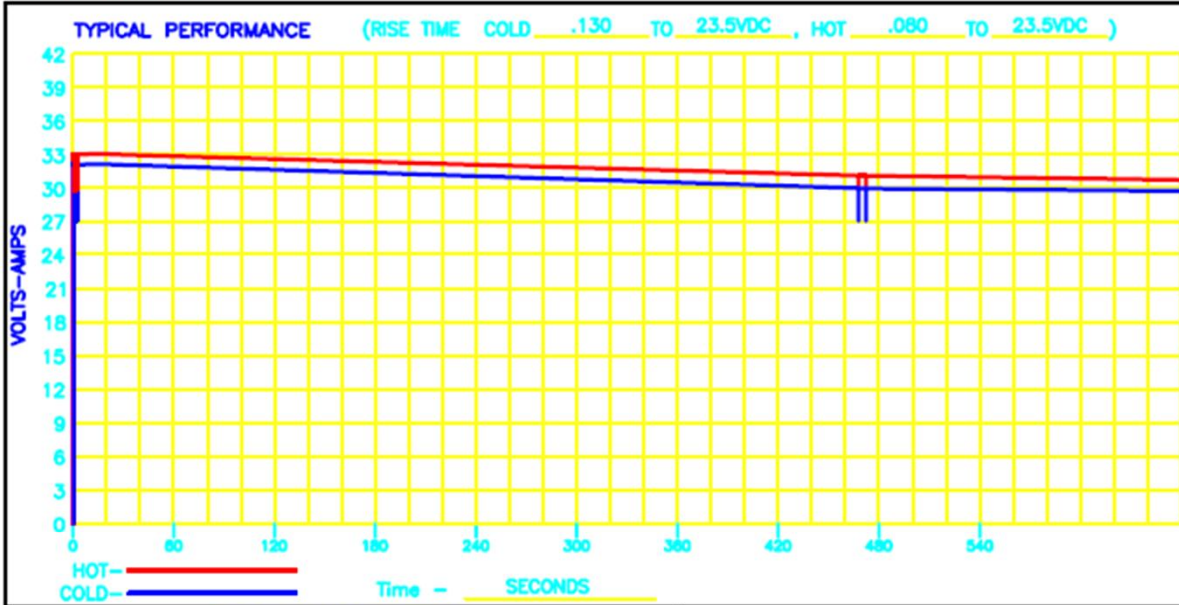


EAGLE-PICHER INDUSTRIES, INC.

ELECTRONICS DIVISION, COUPLES DEPARTMENT
 P. O. BOX 47, JOPLIN, MO. 64801
 TELEPHONE: 417-823-8000

THERMAL BATTERY
TECHNICAL DATA SHEET FOR BATTERY NO. EAP-12137A DATE 8-18-06



ENVIRONMENTAL REQUIREMENTS (OPERATING)

Temperature: +27°F TO +113°F
Acceleration: Axis EF, 52g Axis FE, 20g All other axis 20g
Shock: 2570 g's/.234 ms all axis
Vibration: EF axis, 10.11 Grms AB & CD axis, 19.38 Grms
Spin: N/A
Other: N/A

ELECTRICAL REQUIREMENTS

Voltage: +28V; +35.0 VDC TO +23.5 VDC
Load: 0-1 sec, 0.3A; 1-2 sec, 2.3A; 2-2.1 sec, 7.3A; 2.1-2.15 sec, 2.3A; 2.15-2.25 sec, 7.3A; 2.25-3 sec, 2.3A; 3-468 sec, 0.3A; 468-469 sec, 2.3A; 469-469.1 sec, 7.3A; 469.1-469.15 sec, 2.3A; 469.15-469.25 sec, 7.3A; 469.25-470, 2.3A; 470-life, 0.3A
Rise Time: .65 SEC TO 23.5 VDC
Life: 470.0 SEC ABOVE 23.5 VDC
Activation: NEI-22 SQUIB PER MIL-STD-1512
Indicator: Temp sensitive label on header
Case and Header Material: 304 STAINLESS STEEL
Terminal Material: 52 Fe/Ni ALLOY NICKEL PLATED

