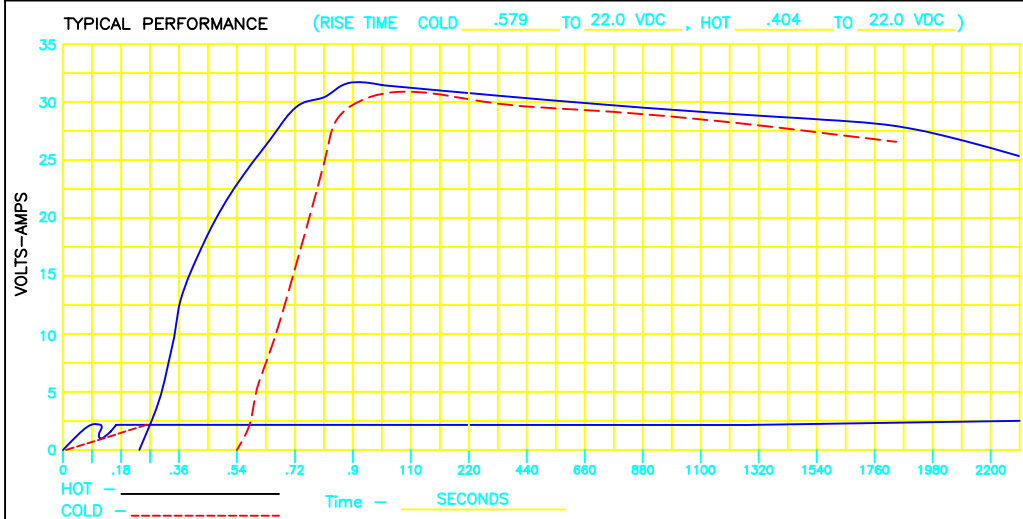


EAGLE-PICHER INDUSTRIES, INC.

TECHNOLOGIES DIVISION, FEDERAL SYSTEMS DEPARTMENT
 P. O. BOX 47, JOPLIN, MO. 64801
 TELEPHONE: 417-823-8000

THERMAL BATTERY
 TECHNICAL DATA SHEET FOR BATTERY NO. EAP-12233 DATE 12-8-06



ENVIRONMENTAL REQUIREMENTS (OPERATING)

Temperature: -65°F TO +160°F
Acceleration: 118 g FOR 120 SECS. TO EACH AXIS
Shock: 70 g 11MSEC TERMINAL SAWTOOTH WAVE SHOCK
Vibration: X AXIS, 9.87g AT 17Hz NO LESS THAN 20 MINUTES. Y AND Z AXIS, 4.7g PEAK AT 11Hz NO LESS THAN 112.5 MINUTES.
Spin: N/A
Other: THERMAL VACUUM

ELECTRICAL REQUIREMENTS

Voltage: 34.4 VDC MAX. 22.0 VDC MAX.
Load: 0.97 AMPS
Rise Time: 22.0 VDC IN LESS THAN ONE SECOND
Life: 1380 SECONDS MINIMUM
Activation: EP-250-1 SQUIB
Indicator: TEMP. SENSITIVE INDICATOR
Case and Header Material: TYPE 304 STAINLESS STEEL
Terminal Material: 52 ALLOY

