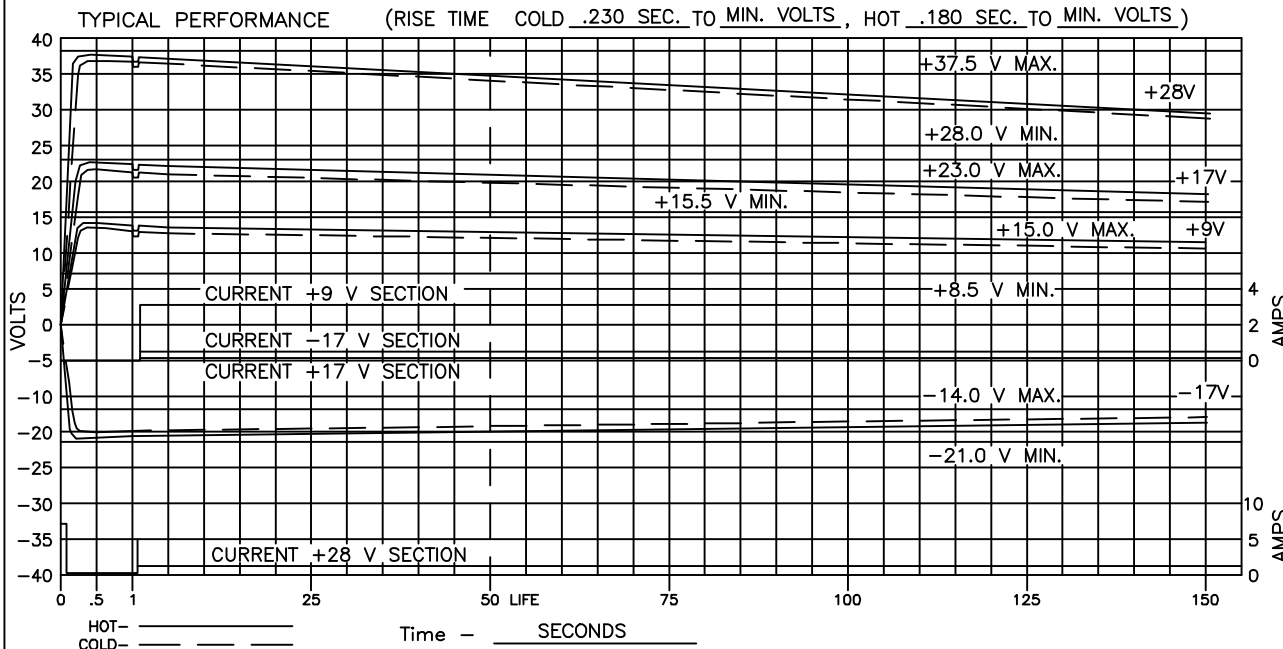


EAGLE-PICHER TECHNOLOGIES, LLC

FEDERAL SYSTEMS DEPARTMENT, ORDNANCE SYSTEMS OPERATION
 P. O. BOX 47, JOPLIN, MO. 64801
 TELEPHONE: 417-623-8000

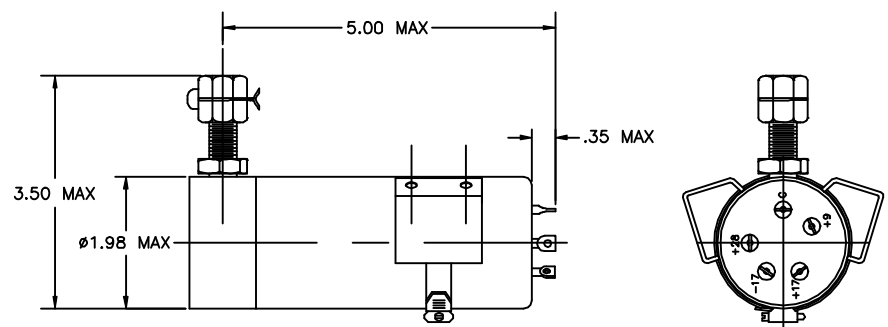
THERMAL BATTERY
 TECHNICAL DATA SHEET FOR BATTERY NO. CAP-12197A DATE 03-20-96



ENVIRONMENTAL REQUIREMENTS (OPERATING)	
Temperature:	-65°F MIN, 160° F MAX
Acceleration:	N/A
Shock:	N/A
Vibration:	N/A
Spin:	N/A
Other:	BENCH TEST (-55°C, 72°C)
	ALTITUDE 85°C 4HRS @ 5000 FEET
	72°C 1HR @ 5000 FEET
	-62°C 4HRS @ 50000 FEET
	-55°C 1HR @ 50,000 FEET

ELECTRICAL REQUIREMENTS	
Voltage: +28V: +28.0V TO +37.5V	+9V: +7.5V TO +13.0V
+17V: +16.0V TO +23.0V	-17V: -23.0V TO -16.0V
Load: +28V: 0.0V TO 2.5V 7.00A	+9V: 0.00-2.00 SEC 0.00A
	0.00-2.00 SEC 0.00A
	2.00-50.0 SEC 3.00A
	2.00-2.05 SEC 5.00A
	-17V: 0.00-2.00 SEC 0.00A
	2.05-50.0 SEC .50A
	2.00-50.0 SEC .65A
	+17V: 0.00-2.00 SEC 0.00A
	2.00-50.0 SEC .55A
Rise Time: +28V: 1 SEC	-17V: 1 SEC
+17V: 1 SEC	+9V: .6 SEC
Life: 50.0 SECONDS	
Activation: M42C1 PRIMER	
Indicator: 240°F TEMPERATURE SENSITIVE PAINT STICKER	
Case and Header Material: TYPE 304 STAINLESS STEEL	
Terminal Material: 52 Fe/Ni ALLOY HOT SOLDER DIPPED	

OUTLINE CONFIGURATION



Nominal Weight 773.5 gm
 Nominal Volume 11.6 in³