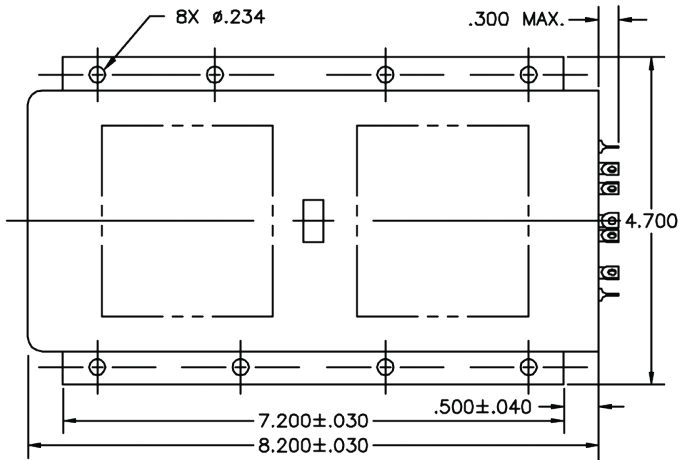
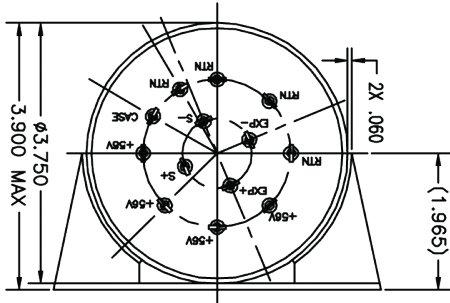




# EAP-12193 Thermal Battery

Case and header 304 stainless steel



## Specifications

Part Number	EAP-12193	
Weight	4.54 kg (10 lbs)	
Nominal Volume	82 in <sup>3</sup>	
Dimensions	see dimensions drawing	
Voltage	68 V max. 0-10 sec.	66 V max. 10-120 sec.
	64 V max. 120-920 sec.	56 V min. 0-1.6 sec.
	50 V min. 1.6-10.0 sec.	40 V min. 10-920 sec.
Load	0.0 to 1.2 sec. = 0.5 A	
	1.2 to 1.6 sec. = 10.0 A	
	1.6 to 3.5 sec. = 45 A	
	3.6 to 1200 sec. = 3.5 A base load 35 A total, 500 ms pulse applied every 10 sec. starting at 9.5 sec. last pulse applied at 919.5 sec.	
	1200 sec. to end of voltage = 10 A	
Rise time	1 sec. to 48 V	
Life	920 sec.	
Temperature	-51 to 71°C (-60 to 160°F)	
Vibration	17.58 Grms along the vertical axis for 15 minutes	
Acceleration	12 g	
Shock	36 g for 30 ms duration half sine	
Activation	EP-360-1 MIL-STD-1512	
Indicator	Temperature sensitive paint dot and thermostatic switch	
Terminal Material	52 Fe/Ni alloy hot solder dipped	

Typical performance: Rise time Cold 0.44 to 48 V, Hot 0.32 to 48 V

