



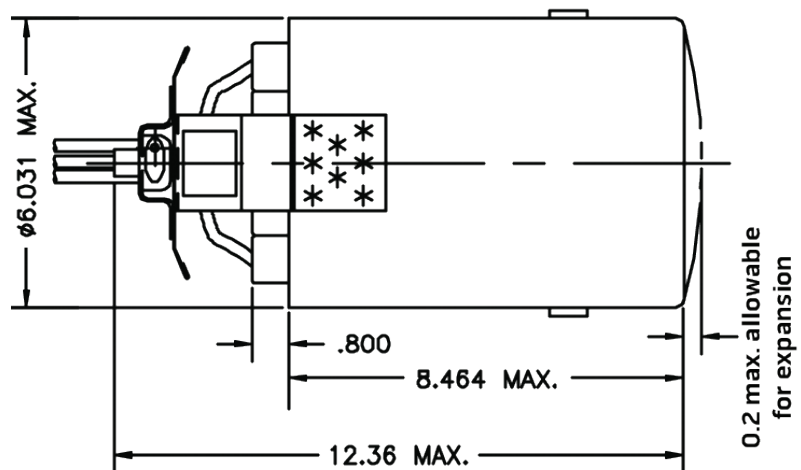
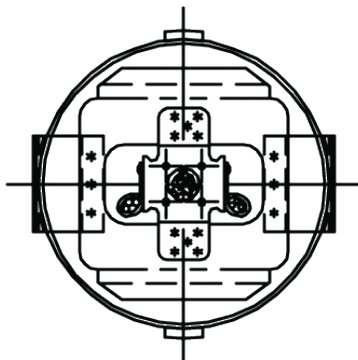
## EAP-12188 Thermal Battery



Lithium Silicon/Iron Disulfide  
Case and Header 304 Stainless Steel

### Specifications

Part Number	EAP-12188
Weight	10.3 kg (22.7 lbs)
Nominal Volume	160.4 in <sup>3</sup>
Dimensions	see dimensions drawing
Voltage	31.5 VDC max. 16.0 VDC min.
Load	90 A base load from 0 to 40 sec. with one 200 A, 0.4 sec. pulse at 1.6 sec. 75 A base load from 40 to 540 sec. plus four pulses of 110 A, 1 sec. then 90 A, 4 sec., at 70, 170, 410, 490 sec.
Rise time	Hot: 1.2 sec. max. to 16 VDC Cold: 1.6 sec. max. to 16 VDC
Life	540 sec.
Vibration	~10.4 Grms (10 to 2,000 Hz)
Temperature	-40 to 75/80°C 30 min (-40 to 167/176°F)
Activation	EP-360-3 per MIL-STD-1512
Indicator	Thermostatic switch
Terminal Material	52 Fe/Ni and C1215 steel nickel plated



# EAP-12188 Thermal Battery

Typical performance: Rise time Cold 1.162 sec. to 16 VDC, Hot 1.080 to 16 VDC

