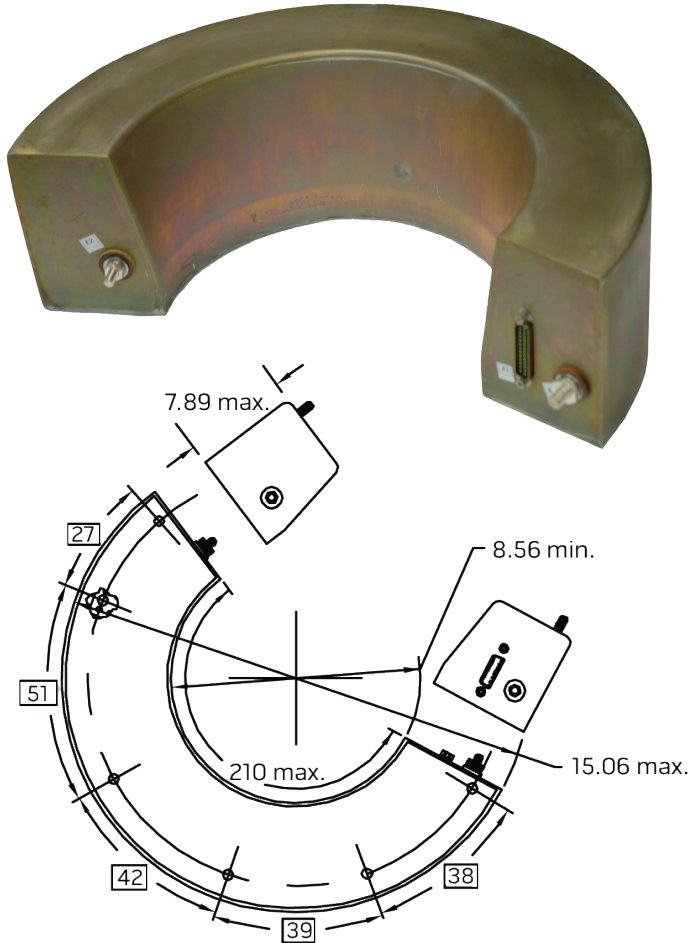




EAP-12053 Thermal Battery

Case and header homogenized and solution treated 6061-T6 aluminum



Specifications

Part Number	EAP-12053
Weight	9.5 kg (21.0 lbs)
Nominal Volume	282 in ³
Dimensions	see dimensions drawing
Voltage Range	70 V max, 45 V min, 43 V from 212 to 222 sec.
Load	0 to 1.2 sec. 280 A
	1.2-1.6 sec. ramp down to 55 A
	1.6-6.0 sec. 55 A
	6.0-7.5 sec. 180 A
	7.5-212 sec. 55 A
	212-222 sec. 200 A
222 sec. life 55 A	
Rise time	1.2 sec. to 45 V
Life	222 sec. to 45 V
Operating Temperature	-34 to 54°C (-30 to 130°F)
Vibration	Random 7.42 grms ±X±Y, 7.28 grms ±Z
Shock	156 G, 1.8 ms
Acceleration	35 G forward, 15 G aft, 40 G lateral
Activation	Dual squibs in EAP-6347A starter battery
Terminal Material	17-4 chrome-nickel stainless steel

