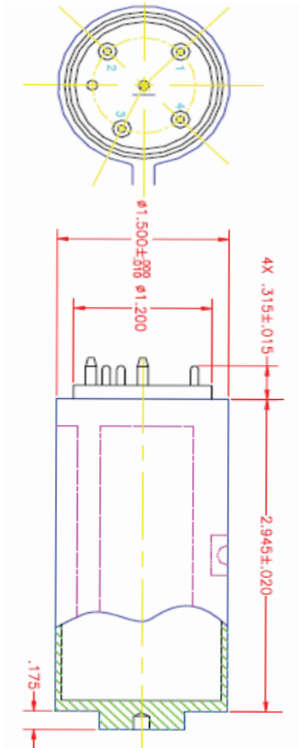




EAP-12306 Thermal Battery

Case and header 304 stainless steel, terminal nickel iron alloy hot soldered



Specifications

| | |
|-----------------------|--|
| Part Number | EAP-12306 |
| Weight | 281.2 g (0.62 lbs) |
| Nominal Volume | 5.2 in ³ |
| Dimensions | Width: 38 mm (1.5 in) |
| | Length: 74 mm (2.9 in) |
| Voltage Range | Maximum: 50 VDC |
| | Minimum: 28 VDC |
| Load | Base load of 0.20 A |
| | 7 A pulse @ 1 sec for 20 ms; 15.2 A pulse @ 1.07, 200 and 244.99 sec for 10 ms |
| | 6 A pulse @ 1.430-1.480 sec; 848 pulses 237 ms between pulses with 50 ms durations |
| | Between 1.480 and 244.520 sec; 6 A pulse @ 244.99-245 sec |
| Rise Time | 1.0 sec |
| Life | 245 sec |
| Activation | EP-250-I |
| Activation indicator | Temperature decal |
| Operating Temperature | -45 to 62.8°C (-45 to 145°F) |
| Acceleration | 10 Hz (600 rpm) for 0-20 sec coast to stop |
| Vibration | Axial 2.45 g for 245 sec |
| | Radial 2.83 g for 245 sec |
| Terminal Material | 52 nickel iron alloy hot smoldered |

TYPICAL PERFORMANCE: RISE TIME: (COLD: .132 SEC. TO 28.0 Vdc; HOT: .096 SEC. TO 28.0 Vdc)

