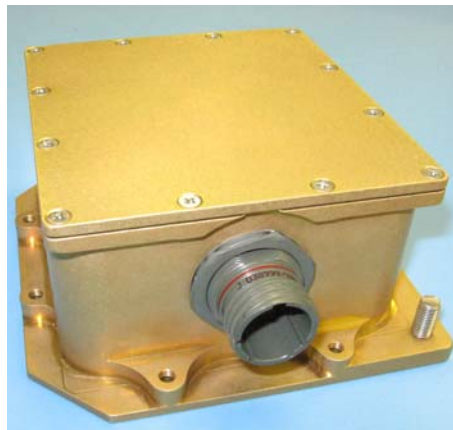




Advanced Conversion Technology, Inc.

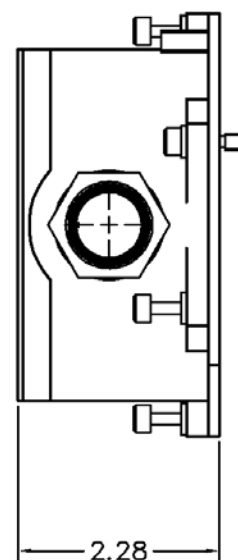
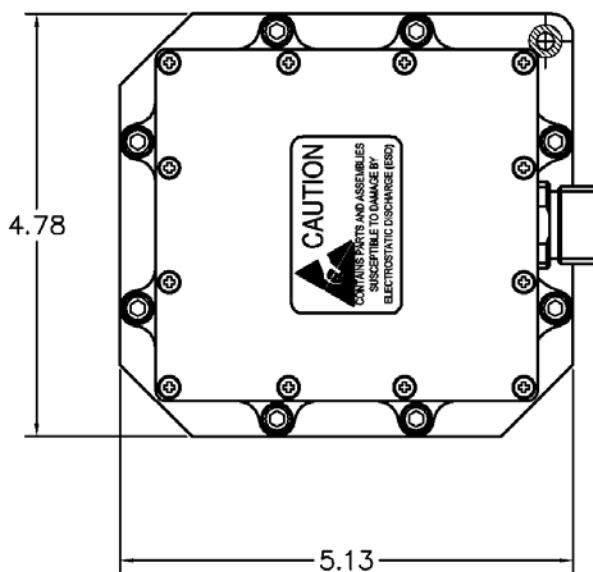
MULTI OUTPUT DC/DC POWER SUPPLY FOR UAV APPLICATIONS SR - 24831

This low voltage DC/DC converter operates from +28 VDC, MIL-STD-704E input power and produces 3 output voltages. The power supply is designed to provide power for a UAV application. Small size, light weight, 50msec hold up time and efficiency are key attributes for this power supply. A rugged iridited aluminum chassis provides excellent thermal and mechanical performance.



FEATURES

- Efficiency >70%
- Compact Size
- Three Outputs
- Overvoltage Protection
- Short Circuit Protection
- 50msec Hold up time
- Factory Repairable
- Internal Monitoring Circuitry
- Thermal Overload Protection
- Input to Output Isolation



ELECTRICAL CHARACTERISTICS

Input Voltage: + 28 VDC per MIL-STD-704E

Outputs:

- +5 VDC @ 2.5 A
- +15 VDC @ 300 mA
- 15 VDC @ 400 mA

Environmental:

- Airborne Uninhabited
- Temperature Range: -40°C to +55°C
- Altitude: 65,000 ft
- Weight: <2 lbs

Specifications subject to change without notice

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