



Advanced Conversion Technology, Inc.

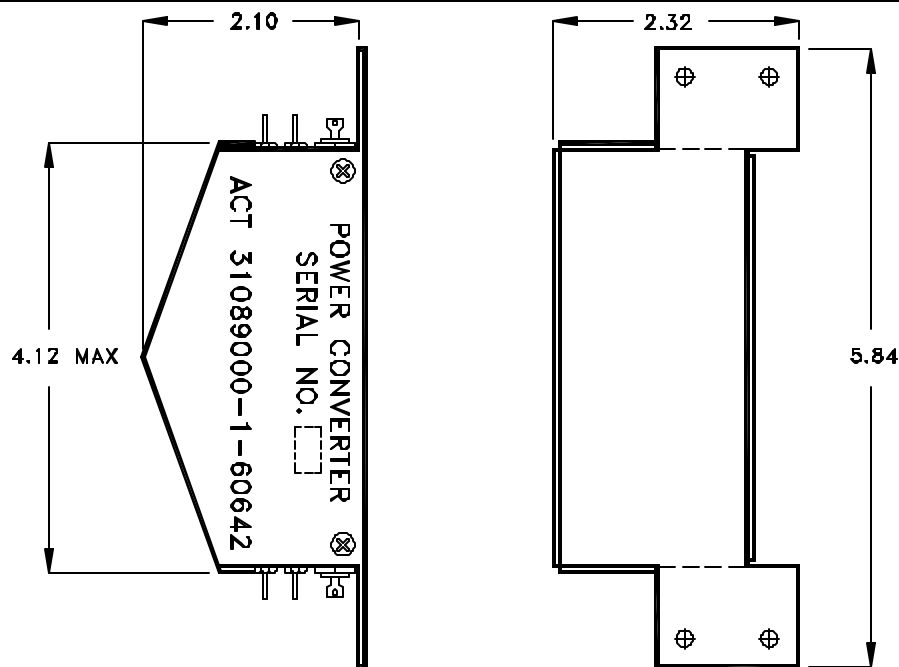
MULTI OUTPUT DC/DC POWER SUPPLY SR-10891

This potted low voltage DC/DC converter operates from +28 VDC input power and produces 6 output voltages. A rugged electrical and mechanical design provides the DC power for the telemetry system of a high performance air-to-air missile. This units unusual form factor demonstrates ACT's ability to accommodate a wide range of unique shapes and sizes. An iridited aluminum housing provides additional electrical and mechanical performance.



FEATURES

- Compact Size
- Six Regulated Outputs
- Short Circuit Protection
- Factory Repairable
- Two Sets of Isolated Outputs
- Input to Output Isolation
- Low Ripple
- Extremely Rugged
- OverCurrent Protection



ELECTRICAL CHARACTERISTICS

Input Voltage: + 28 VDC (23 VDC to 33 VDC)

Outputs:

- +5 VDC @ 1.0 A
- +15 VDC @ 150 mA
- 15 VDC @ 150 mA

- +5 VDC @ 100 mA
- +15 VDC @ 25 mA
- 15 VDC @ 25 mA

Environmental:

- Missile
- Temperature Range: -40°C to +71°C
- Vibration: .05 g²/Hz (30 to 100Hz) + .125g²/Hz
- Shock: 35g for 5 msec
- Altitude: 100,000 ft
- EMI: MIL-STD-461, CE03 & RE02
- Weight: 0.9 lbs

Specifications subject to change without notice

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