



Advanced Conversion Technology, Inc.

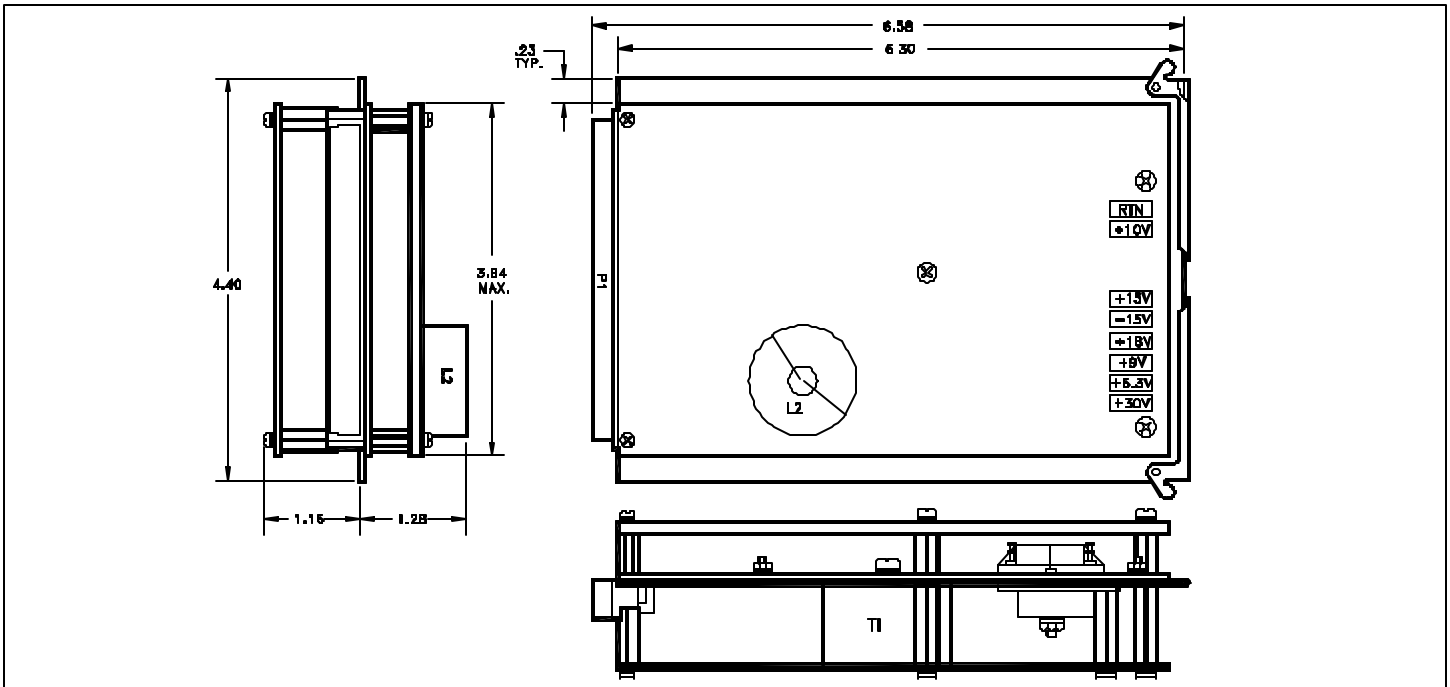
MULTI OUTPUT DC/DC POWER SUPPLY SR - 14231

This low voltage DC/DC converter operates from +28 VDC, MIL-STD-704 input power and produces seven DC output voltages. Designed to provide the DC power for a sophisticated avionics system. Cooling for this unit is achieved through its open frame construction and its integral frame and heatsink. Use of Hi-Rel components and workmanship insure maximum reliability.



FEATURES

- Seven Outputs
- Over/Under Voltage Protection
- Overcurrent Protection
- Power Down Warning Signal
- Over Temperature Protection
- Remote Turn-On/Turn-Off
- Card Rack Slide Mounting
- Input to Output Isolation
- JTX Components



ELECTRICAL CHARACTERISTICS

Input Voltage: + 28 VDC per MIL -STD-704B, C or D

Outputs:

- +9 VDC @ 1 A
- +15 VDC @ 1 A
- 15 VDC @ 1 A
- +18 VDC @ 6 A
- +30 VDC @ 2 A
- +10 VDC @ 200 mA
- +6.3 VDC @ 1.8 A

Environmental:

- Airborne Inhabited Fighter
- Temperature Range: -55°C to +55°C, forced air
- Vibration: Random per MIL -STD-810, Method 514
- Shock: 15 g's per MIL-STD-810, Method 516
- Altitude: 35,000 ft
- MTBF: >20,000 hours @ 55°C

Connector: MIL-C-55302/131 TYPE

Specifications subject to change without notice

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