



Advanced Conversion Technology, Inc.

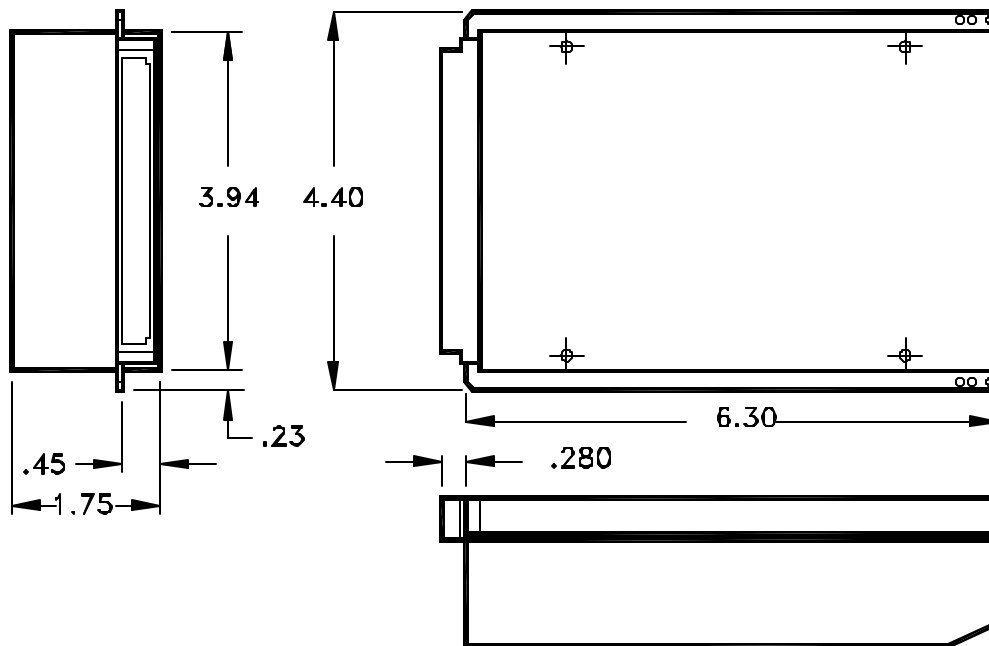
MULTI OUTPUT
DC/DC POWER SUPPLY
SR - 12553

This low voltage DC/DC converter operates from +28 VDC, MIL-STD-704D input power and produces eight output voltages. Designed to provide the system power for a sophisticated avionics system. This compact unit can be mounted via the mounting holes or in a card rack. Utilizing Hi-Rel componentry and workmanship insures a reliable design. An anodized aluminum housing provides mechanical protection.



FEATURES

- Eight Outputs
- Over Current Protection
- Over/Under Voltage Protection
- Power Down Warning Signal
- Remote Turn-On/Turn-Off
- Filament Output Only Command
- Internal Monitoring Circuitry
- Thermal Overload Protection
- Input to Output Isolation



ELECTRICAL CHARACTERISTICS

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

Outputs:

- +5 VDC @ 1 A
- +15 VDC @ 1 A
- 15 VDC @ 1 A
- +18 VDC @ 6 A
- 18 VDC @ 6 A
- +30 VDC @ 2 A
- +10 VDC @ 1.8 A

Environmental:

- Airborne Inhabited Fighter
- Temperature Range: -54°C to +85°C, baseplate
- Vibration: MIL-STD-810, Method 514
- Shock: 20 g's per MIL-STD-810C
- EMI: MIL-STD-461B
- Altitude: 70,000 ft
- Weight: 1.9 lbs

Connector: 10-8457-096-001-061 ELCO

Specifications subject to change without notice

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