



Advanced Conversion Technology, Inc.

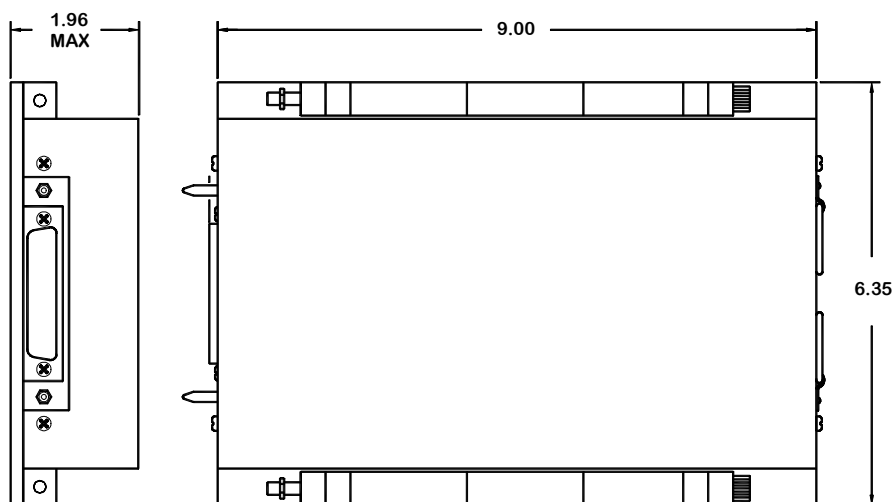
SINGLE OUTPUT LINEAR REGULATOR AC/DC POWER SUPPLY SR – 14464

This low voltage AC/DC single output power supply operates from 115/200 Vrms, three phase, 400 Hz input voltage. It is designed to provide full output power with input voltages as low as 52Vrms. This package provides a single +5V output voltage using a linear regulator design. This unit can operate with a base plate temperature of 80°C. The rugged package and reliable design makes this power supply suitable for harsh environments.



FEATURES

- Single Output
- Linear Design
- Overload Protected
- Adjustable Output
- Output Voltage Monitoring
- MIL-E-5400 design
- MIL-STD-704A power
- Low output voltage ripple
- Parallel Operation
- Thermal Switch



ELECTRICAL CHARACTERISTICS

Input Voltage: 115/200 Vrms, Three Phase, 440 Hz input power per MIL-STD-704A

- Full output power at 52 Vrms input voltage

Outputs: +5.280 VDC to +5.430 VDC @ 15amps, Linear Regulator

Operating Temperature Range: -54 °C to +71 °C with a 80 °C baseplate max. temperature

MTBF: > 55,000 hours @ 40 °C, aircraft inhabited

Altitude: 40,000 ft

Wedge Lock Mounting

Weight: <7 lbs.

Connector: M24308/2-5

Specifications subject to change without notice

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