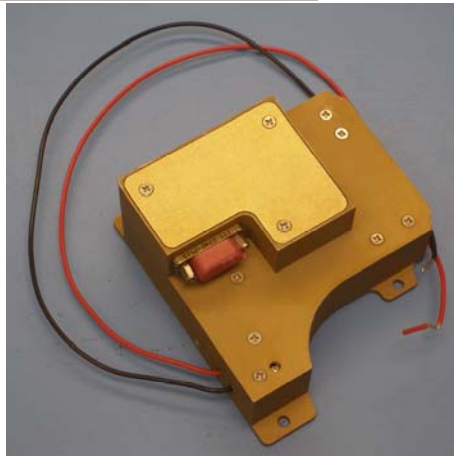




Advanced Conversion Technology, Inc.

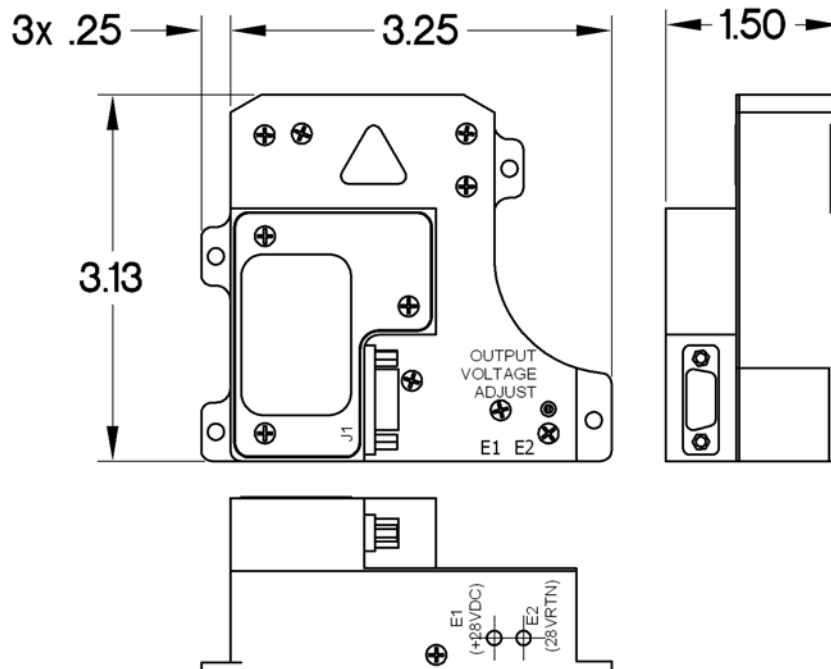
LASER POWER SUPPLY MULTIPLE OUTPUTS SR – 2392-1

This laser diode DC-DC power supply operates from +28VDC MIL-STD-704 power and produces a multiple output voltages used to drive a diode laser. A EMI Filter enables this design to meet the EMI requirements of MIL-STD-461. It's simple construction provides a rugged and cost effective solution for integration into the overall laser system.



FEATURES

- 140 Watts Peak Power**
- >80% Efficiency**
- Adjustable Output Voltage**
- Remote On/Off**
- Overvoltage Protection**



ELECTRICAL CHARACTERISTICS

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

Outputs: 40 VDC +/- 5VDC @ 2 A ave
+5VDC @ 1A
-5VDC @ 0.5A
+12VDC @ 0.5A

Environmental:
Temperature Range: -20°C to +55°C
Vibration: 0.0008 g²/Hz per MIL-STD-810F
Shock: 20g peak, 11msec per MIL-STD-810F
Weight: <1.25 lbs

Specifications subject to change without notice

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