



Advanced Conversion Technology, Inc.

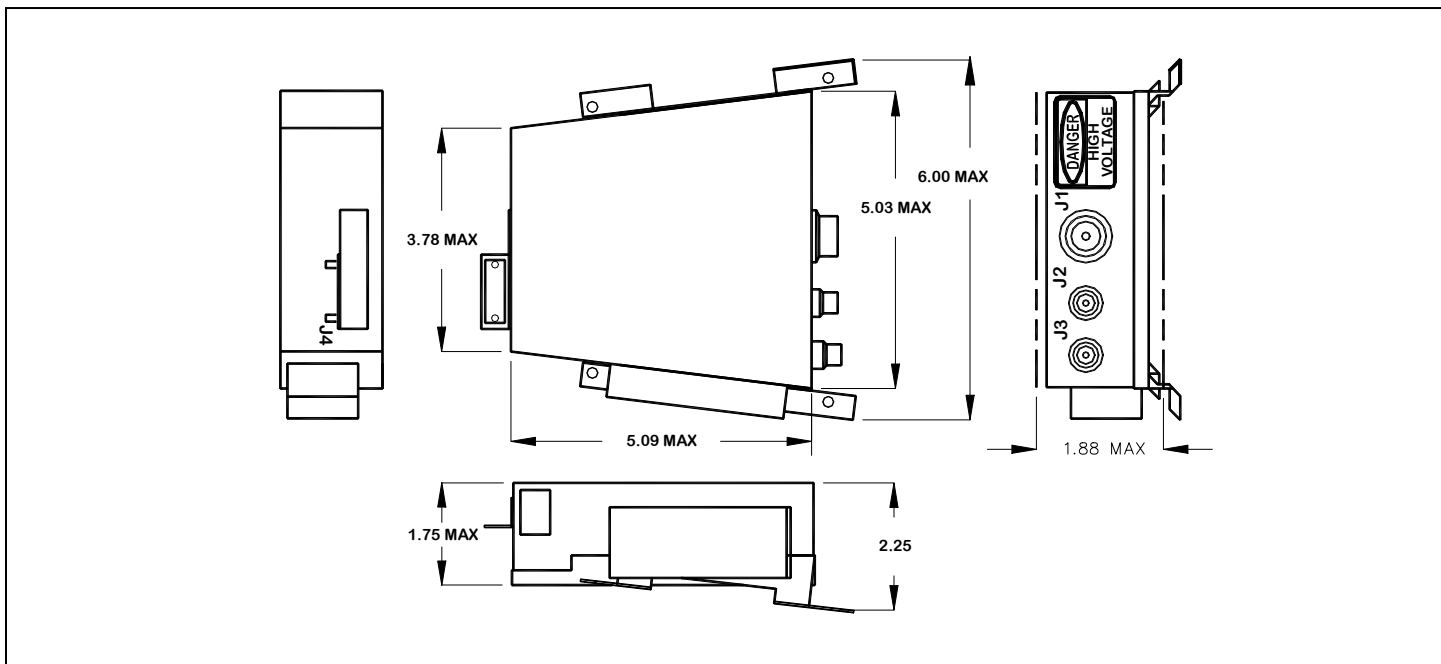
HIGH VOLTAGE DC/DC MULTI OUTPUT CRT POWER SUPPLY SR - 11521

This hermetically sealed CRT Power Supply is designed to supply the various high voltage outputs required by a cathode ray tube operating in an airborne fighter environment. A high performance active circuit provides superior Dynamic Focus capability. ACT's proprietary oil-gas approach achieves complete protection against the elements and mechanical and thermal concerns.



FEATURES

- Hermetically Sealed
- Compact Size
- Short Circuit Protection
- Reverse Polarity Protection
- Highly Reliable
- Factory Repairable
- Dynamic Focus
- Adjustable Outputs Enable



ELECTRICAL CHARACTERISTICS

Input Voltage: +25 VDC to +31 VDC

Outputs:

Environmental:

Voltage	Current	Temperature	-40°C to +71°C
+20 KVDC	750 uA	Vibration	MIL-E-5400, Curve 111b
*+4.0 KVDC to +6.0 KVDC	550 uA	Shock	30 G's, 11 msec Crash Safety
+400 VDC to +600 VDC	50 uA	Altitude	35,000 FT.
-100 VDC	25 mA		

- Dynamic Focus, 300 Vpp, DC to 200 cycles/sec, 100 V/usec

Connectors: Input; M28748/7-000F1A

Output; LGH-1I, LGH-1/2I & LGH-1/2LI