



Advanced Conversion Technology, Inc.

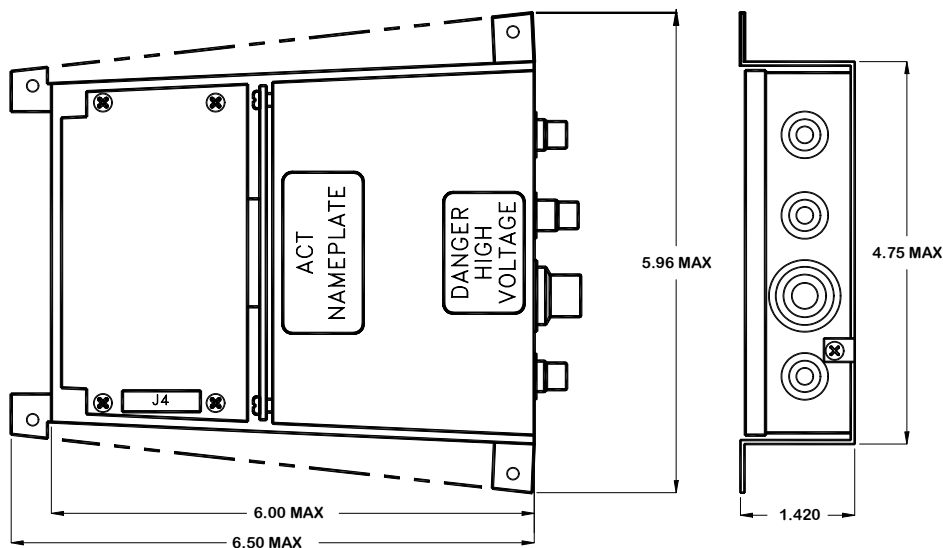
HIGH VOLTAGE DC/DC
MULTI OUTPUT
CRT POWER SUPPLY
SR - 14771

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
- Modular Design
- Short Circuit Protection
- Reverse Polarity Protection
- Dynamic Focus
- Remote Shutdown
- G2 Turn-Off
- Factory Repairable



ELECTRICAL CHARACTERISTICS

Input Voltage: +28 VDC \pm 2 VDC

Outputs:

Environmental:

Voltage	Current	Temperature	-40°C to +71°C
+20 KVDC	750 uA	Vibration	MIL-E-5400T, CLASS 1B
*+4.5 KVDC to +6.0 KVDC	55 uA	Shock	20 G's, 11 msec, Crash Safety
+400 VDC to +625 VDC	50 uA	Altitude	35,000 FT.
+60 VDC	20mA	Input Connector	M28748/7-00F1A
-40 VDC	20 mA	Output Connectors	LGH-1I, LGH-1/2I, LGH-1/2LI
500 VDC	1 mA		

*Dynamic Focus, 350 Vpp, AC coupled