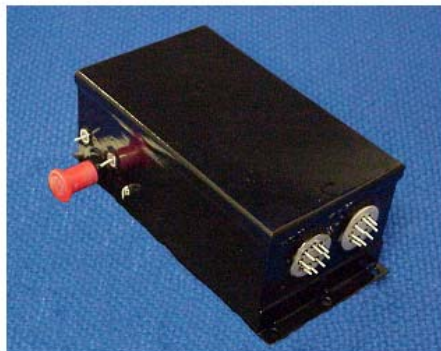




# Advanced Conversion Technology, Inc.

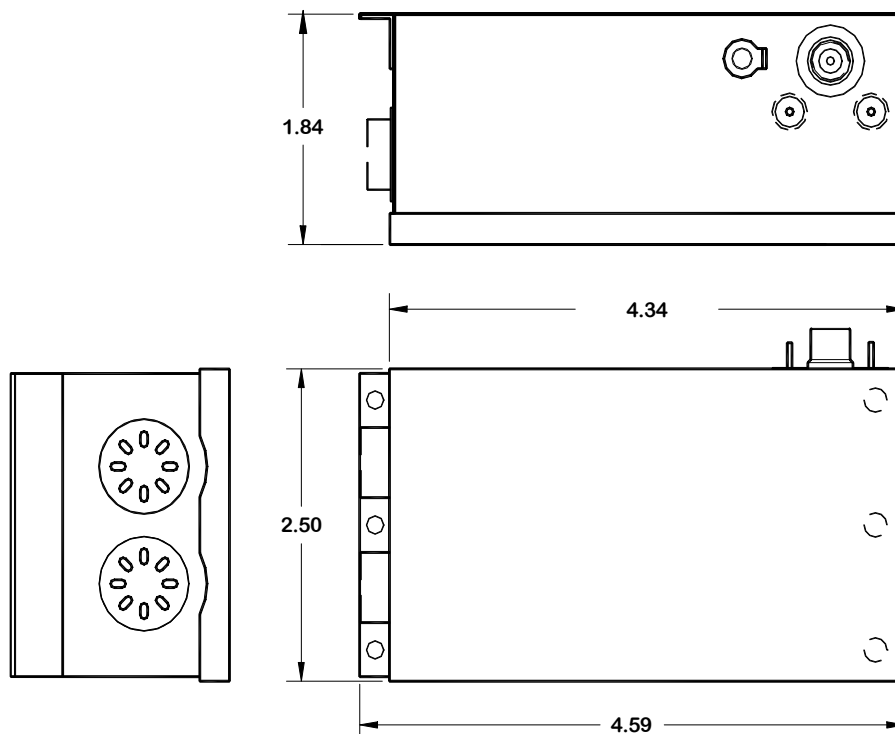
HIGH VOLTAGE DC/DC  
MULTI OUTPUT  
CRT POWER SUPPLY  
SR - 21551

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. ACT's proprietary oil-gas approach achieves complete protection against the elements and mechanical and thermal concerns.



## FEATURES

- Hermetically Sealed
- Compact Size
- Multi Output
- Short Circuit Protection
- Reverse Polarity Protection
- Highly Reliable
- Factory Repairable
- MIL-E-5400 Design



## ELECTRICAL CHARACTERISTICS

Input Voltage: +12 VDC  $\pm$ 1.5 VDC and -12 VDC  $\pm$ 1.5 VDC

Outputs:

Environmental:

Voltage	Current	Temperature	-40°C to +55°C
+8.5 KVDC	60 $\mu$ A	Vibration	9.1 G's, Gunfire & Sine
+750 VDC to +1500 VDC	60 $\mu$ A	Shock	15 G's, 11 msec
+390 VDC to +1200 VDC	60 $\mu$ A	Altitude	50,000 FT.
-100 VDC	0.5 mA	Input Connector	Solder hooks
+5.0 VDC	100 mA	Output Connectors	
+5.0 VDC	10 mA		