



Advanced Conversion Technology, Inc.

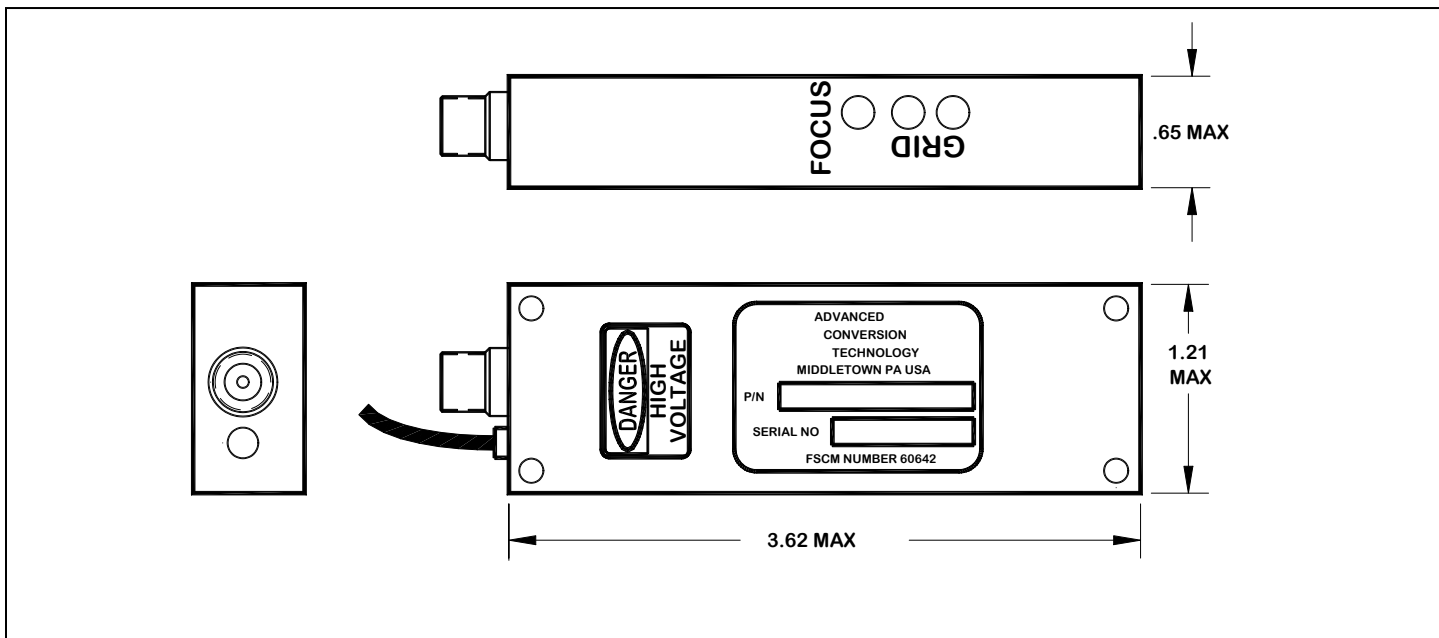
HIGH VOLTAGE DC/DC
MULTI OUTPUT
CRT POWER SUPPLY
SR - 14241

This potted CRT Power Supply is designed to supply the various high voltage outputs required by a helmet-mounted cathode ray tube operating in a helicopter environment. This units light weight and compact size makes it an ideal solution for helmet mounted applications. ACT has developed a series of power supplies based on this technology. Contact ACT for additional information.



FEATURES

- Potted
- Compact Size
- Multi Output
- Short Circuit Protection
- Reverse Polarity Protection
- Light Weight



ELECTRICAL CHARACTERISTICS

Input Voltage: +15 VDC \pm 1 VDC and -15 VDC \pm 1 VDC

Outputs:

Environmental:

Voltage	Current	Temperature	
+8.5 KVDC	30 μ A	Vibration	-40°C to +60°C MIL-STD-810E METHOD 514.4
+700 VDC to +1200 VDC	50 μ A	Shock	25 G's, 11 msec
+500 VDC to +900 VDC	5 μ A	Altitude	30,000 FT.

Connectors: Input; Flying Leads

Output; Flying Lead, Reynolds 167-3771, LGH-1/2I