



Advanced Conversion Technology, Inc.

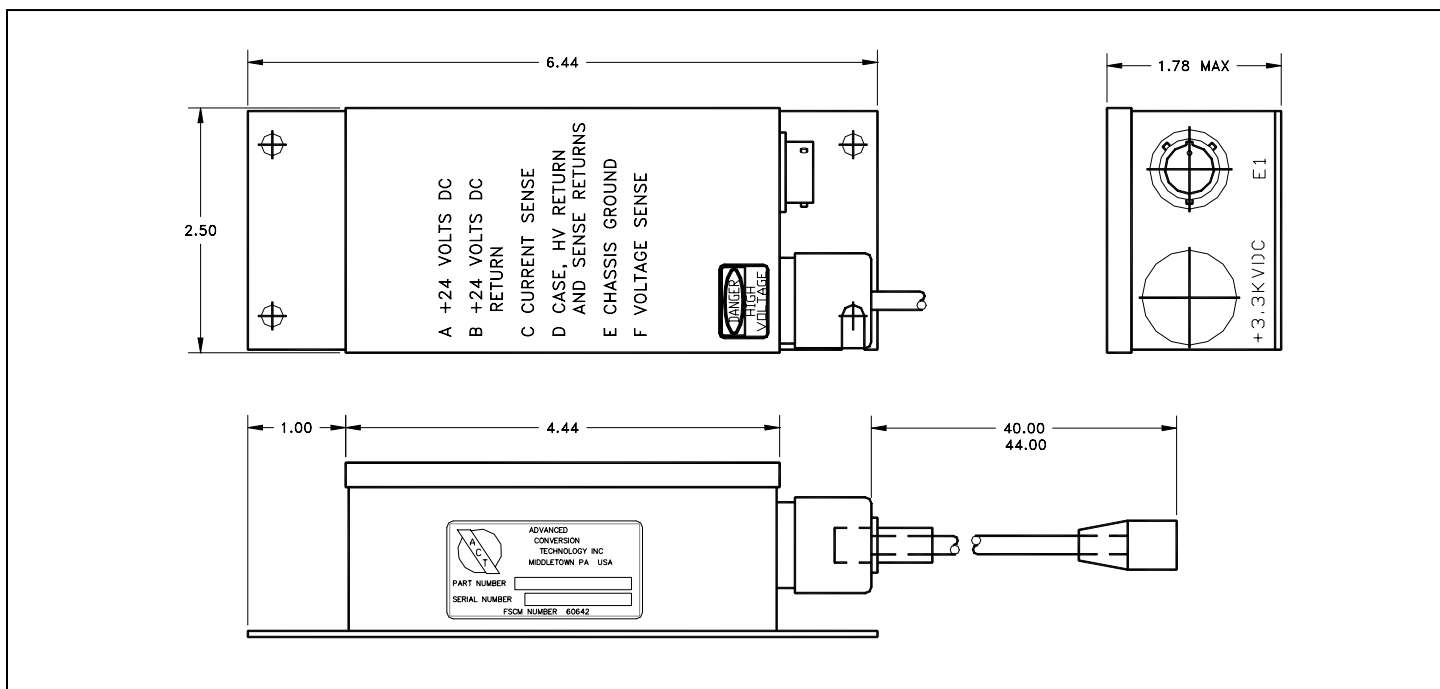
ION PUMP DC/DC POWER SUPPLY SR - 11742

This hermetically sealed Ion Pump Power Supply is designed to supply the high voltage output required for an ion pump. The variable output voltage is capable of sustaining a continuous short circuit. 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
- Highly Reliable
- Factory Repairable
- Current Monitor
- Voltage Monitor



Input Voltage:	+24 VDC \pm 10%
Output Voltage:	+3.3 KVDC @ 50 μ A
Output Voltage Monitor:	10.5 VDC \pm 10% @ 3,300 VDC
Output Current Monitor:	5.0 VDC \pm 10% @ 50 μ A

Operating Temperature:	-45°C to +71°C
Vibration:	MIL-STD-202, Method 204, Test Condition A
Shock:	MIL-STD-202, Method 213, Test Condition A
Operating Altitude:	8,000 ft

Input Connector:	MS27478Y10D98P
Output Connector:	Shielded Jacketed Cable, MHV Bayonet Coupling Type