



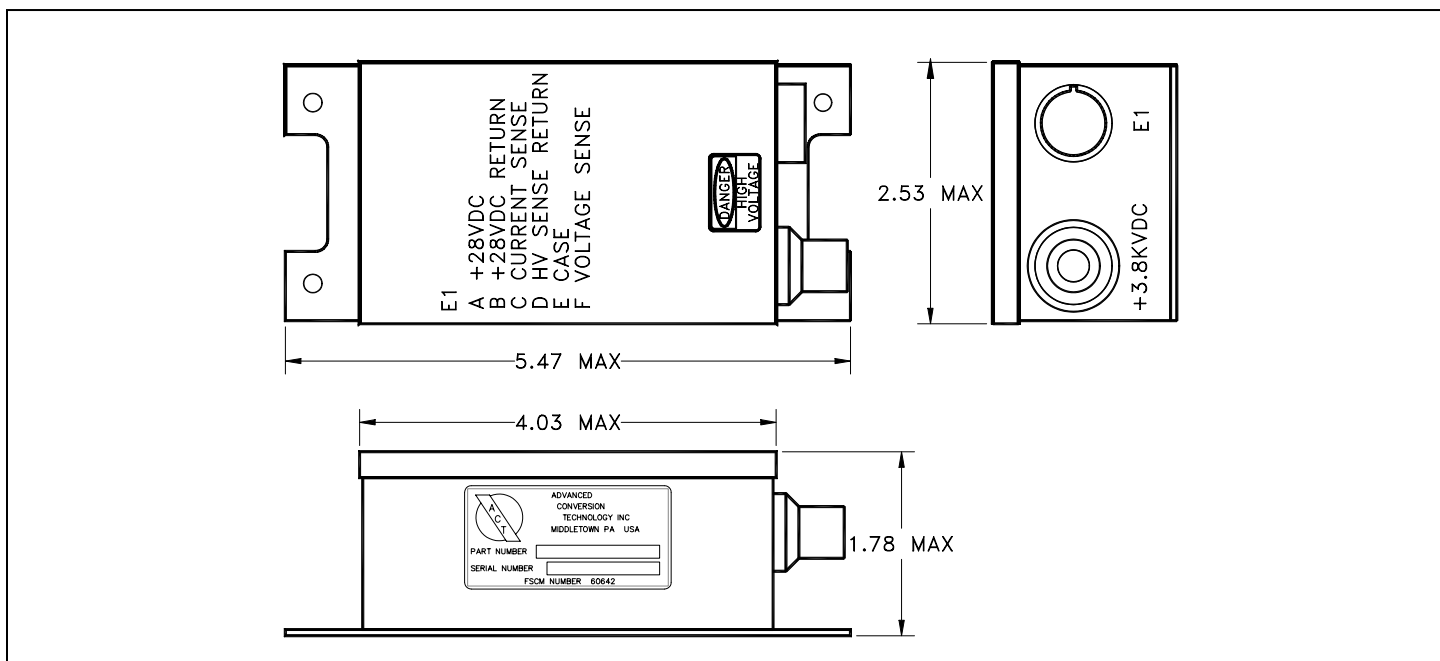
Advanced Conversion Technology, Inc.

ION PUMP DC/DC POWER SUPPLY SR - 11771

This hermetically sealed High Voltage Power Supply is designed to supply the output voltage required by 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
- Voltage Monitor
- Current Monitor



ELECTRICAL CHARACTERISTICS

Input Voltage:	+28.0 ± 5.0 VDC
Output Voltage:	+3,800 VDC @ 25 mA maximum
Output Voltage Monitor:	+10.5 VDC @ 3,800 VDC
Output Current Monitor:	30 Kohm Sense Resistor
Operating Temperature:	-30°C to +70°C
Vibration:	MIL-STD-810, Procedure X, Category G
Shock:	MIL-STD-810, Method 516, 20 g sawtooth for 20 milliseconds
Operating Altitude:	12,000 ft
Input Connector:	MS3113H-10-6P
Output Connector:	LGH-1