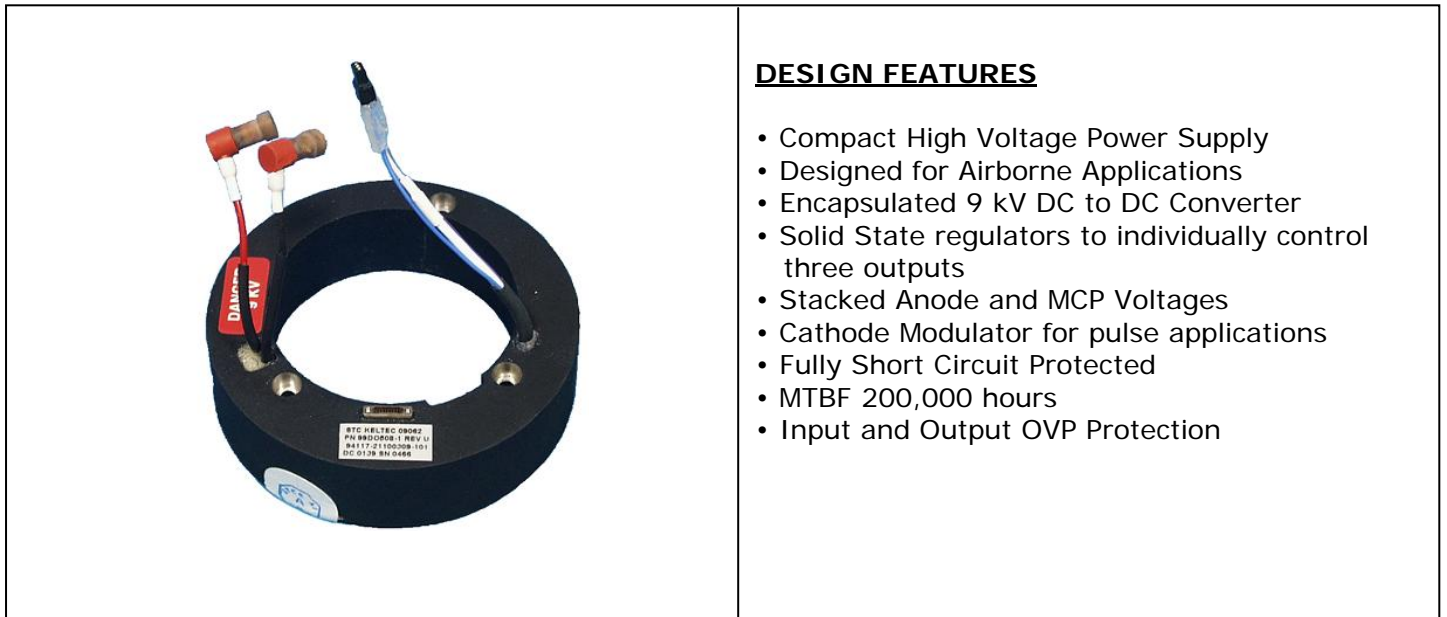


PSH99010 High Voltage Power Supply



DESIGN FEATURES

- Compact High Voltage Power Supply
- Designed for Airborne Applications
- Encapsulated 9 kV DC to DC Converter
- Solid State regulators to individually control three outputs
- Stacked Anode and MCP Voltages
- Cathode Modulator for pulse applications
- Fully Short Circuit Protected
- MTBF 200,000 hours
- Input and Output OVP Protection

Electrical Specifications

Input Power +24 to +36 VDC
 Input Current 65mA, max
 Anode Voltage +3000 to +6000 VDC wrt K
 MCP Voltage +1500 to +3000 VDC
 Cathode Off Bias -30 VDC
 Cathode On Bias +150 VDC

Mechanical Characteristics

Diameter 3.265 in.
 Height 1.00 in.
 Weight 0.45 lbs.

Environmental Specifications

Operating Temperature -58 to +100°C
 Operating Altitude 30,000 ft.

Control and Monitoring

Control Interface

Analog Inputs: MCP Adjust, Anode Adjust
 Digital Input: Cathode Gate (TTL)