Behlman’s 93015-2 COTS power supply is a low cost, highly reliable, switch mode units built for high-end industrial or military applications. The 93015-2 can accept a wide range of AC inputs and can supply a variety of DC outputs. These rugged power supplies are built to support the rigor of airborne, shipboard and mobile applications and designed to meet the input power requirements of MIL-STD-704 and RTCA-DO160. Unit is Base Plate cooled.

### INPUT
90-132 or 180-264 VAC, 47-440 Hz, Auto-ranging
Input Transient protection per Mil-STD-704A

### OUTPUT
1. 5.0 VDC @ 5 A
2. 12 VDC @ 10 A
3. 24 VDC @ 4.75 A

- **Load Regulation:** 0.2% Maximum (0-100%)
- **Line Regulation:** 0.2% Maximum
- **PARD-Ripple & Noise:** 150 mV (0-10Mhz)
- **Current Limit:** Over Current and Over Voltage Protected.
- **Efficiency:** 80%
- **Remote turn on**

### GENERAL CHARACTERISTICS

- **Isolation**
  - Input to Output: 1000 VDC
  - Input to Case: 2500 VDC
  - Output to Case: 200 VDC
- **Dimensional Data:** 7.75"L X 5.0"W X 1.15"H
- **Weight:** 2.4 lbs
- **J1- Input:** Molex PN 39-30-3055
- **J2- Output:** Molex PN 15-47-1401

### ENVIRONMENTAL:
- **Operating Temperature:** -40 to +85 degrees C Base Plate
- **Storage Temperature:** -55 to + 100 degrees C

- **Designed to meet the following MIL Standards**
  - **Shock:** MIL-S-901; MIL-STD-810
  - **Vibration:** MIL-STD-167; MIL-STD-810; RTCA/DO-160
  - **Humidity:** MIL-STD-810
  - **EMI/EMC:** MIL-STD-461C/D; RTCA/DO-160D, RE102 with proper shielding.
  - **Input power:** MIL-STD-704A