Behlman’s 94019-5 COTS power supply is a highly reliable, switch mode units built for high-end industrial or Military applications. The 94019-5 can accept a single phase 115 VAC, 400 Hz input 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**
115 VAC +/- 20%, 360-440 Hz
Input Transient protection per Mil-STD-704

**OUTPUT:**
1. 0-5 VDC @ 2A
   - Load Regulation: Adjustable 0 to 5VDC with external potentiometer
   - Line Regulation: 0.1% for 10% line change.
   - PARD-Ripple & Noise: 1% of output voltage p-p maximum. (20 MHz bandwidth)
   - Current Limit: 75%.

**GENERAL CHARACTERISTICS**
- Isolation
  - Input to Output: 1000 VDC
  - Input to Case: 1000 VDC
  - Output to Case: 200 VDC
- Dimensional Data: 4.87"L X 3.52"W X .95"H; +/- .02"
- Weight: 13 oz.
- Input/Output: DAMC15PJ87 connector

**ENVIRONMENTAL:**
- Operating Temperature: -40°C to 100°C base plate cooled
- Storage Temperature: -40°C to 125°C
- MTBF: 825,000 @ 25 Degrees C base plate, Ground benign

Designed to meet the following MIL Standards
- Shock: MIL-S-901; MIL-STD-810C
- Humidity: MIL-STD-810C