

MODEL 94015-1

Behlman's 94015-1 COTS power supply is a low cost, highly reliable, switch mode units built for high-end industrial or Military applications. The 94015-1 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.
Over voltage: 120%
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

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