

View Online at <https://aerobasegroup.com/nsn/6130-01-502-6352>

**Overall Length:**

6.500 inches

**Overall Height:**

2.400 inches

**Overall Width:**

6.700 inches

**End Application:**

P3 orion

**Maximum Operating Altitude Rating:**

55000.0 feet

**Installation Design:**

Rack

**Input Voltage Rating:**

20.0 dc volts single operating power rqmt and 40.0 dc volts single operating power rqmt

**Output Voltage Rating:**

0.0 dc volts single power output and 28.0 dc volts single power output

**Operating Ambient Temperature Range:**

-55.0/+71.0 degrees celsius

**Output Wattage Rating:**

300.0 watts single power output

**Ripple Voltage At Full Load:**

25.0 millivolts peak single power output

**Product Name:**

Converter, regulator

**Special Features:**

Functional description a pulse width modulated dc to dc converter that provided regulated multiple output power; converts transforms an unregulated 28 vdc to a regulated adjustable dc output via a remote control potentiometer or voltage for voltage controlled models; primarily designed to control the light intensity of incandescent bulbs in lighting systems; input voltage 28 vdc ; output voltage adjustable with external 5k ohm, 1/2 w rheostat or voltage 0-5 v dc; regulation 2 pct for line, 2 pct load and 2.5 pct temperature; common mode isolation 40 db; output ripple 25mv p-p or less; protection overvoltage output voltage is limited to aproximately 125 pct of rating even though remote control rheostat opens or internal failure occurs; output current 11 adc total; efficiency 84

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fiig:**

A39900