

View Online at <https://aerobasegroup.com/nsn/5996-01-272-5685>

**Overall Length:**

8.000 inches

**Overall Height:**

2.000 inches

**Overall Width:**

3.250 inches

**Average Life Measurement:**

Hours

**Average Life Rating In Hours:**

250000.0

**End Application:**

An/gpn-12

**Basic Shape Style:**

Rectangular or square

**Inclosure Type:**

Encased

**Installation Design:**

Module

**Circuit Construction Type:**

Solid state

**Frequency Per Channel:**

2700.0 megahertz operating channel and 2900.0 megahertz operating channel

**Overall Gain:**

18.5 decibels

**Impedance Rating Per Channel:**

50.000 ohms input channel err-100

**Connection Type And Location:**

Connector, plug left side and connector, plug right side and receptacle, power top

**Connection Contact Type And Quantity:**

2 connector, plug external and 1 receptacle, power external

**External Dc Operating Voltage In Volts:**

15.0 single voltage

**Functional Description:**

Low noise amplifier

**Reference Data And Literature:**

T.O.31p5-2gpn12-4

**Supplementary Features:**

Instantaneous bandwidth: 200 mhz; noise figure: 1.25 db max; reverse isolation: 35 db min (rf output to input); surface finish: chromate conversion coating per mil-f-14072; power line filtering: emi feed-thru

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A32200