

View Online at <https://aerobasegroup.com/nsn/5996-01-603-2139>

**Reliability Indicator:**

Established

**Overall Length:**

0.495 inches

**Storage Temperature Range:**

-65.0 to 200.0 degrees celsius

**Basic Shape Style:**

Irregular

**Inclosure Type:**

Hermetically sealed

**Frequency Shift:**

15.0 gigahertz

**Frequency Per Channel:**

25.0 gigahertz operating channel

**Product Name:**

Low noise, cascadable silicon bipolar mmic amplifier

**Special Features:**

Low-noise silicon bipolar monolithic microwave integrated circuit (mmic)

**Precious Material And Location:**

Gold metallization gold

**Supplementary Features:**

Silicon bipolar process uses nitride self-alignment, submicrometer lithography, trench isolation, ion implantation, gold metallization and polyimideintermetal dielectric and scratch protection

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A32200